



Errata No. 1 dated June 14, 2001



US.Department of Transportation

Federal Highway Administration The following list of editorial changes are issued to help improve the readability of the *Manual on Uniform Traffic Control Devices*, to provide text clarification and consistency, and to correct grammatical, typographical, and pictorial errors which can be made simply by pen-and-ink changes:

- 1. Throughout the MUTCD, the text of the running heads should alternate right and left to reflect right page or left page.
- 2. Throughout the MUTCD, in the running heads, the comma following "December" should be deleted.
- 3. Throughout the MUTCD, in the Tables of Contents for each Part, in each Chapter title listing, delete the comma following "Dec."
- 4. **Page i.** Under "Addresses for Publications Referenced in the MUTCD," in line three of the listing for the Institute of Makers of Explosives, change "DC" to "D.C."; in line three of the listing for the Institute of Transportation Engineers, change "20005" to "20005-3438."
- 5. **Page i.** Under "Acknowledgments," in line one, change "acknowledges that" to "acknowledges the."
- 6. **Page I-1, Introduction.** Under Support, in line 4, insert a comma after "1927"; in line 14, insert a comma after "MUTCD."
- 7. **Page I-2, Table I-1. Evolution of the MUTCD.** In the fourth row below the heading, in column two, change the hyphen to an em dash; in the tenth row below the heading, in column two, change the hyphen to an em dash; in the tenth row below the heading, in column three, insert "6/01."
- 8. **Page I-3, Introduction.** Under Support, in paragraph one, line five, insert a comma after "UVC" and delete the comma after "that"; in paragraph two, line five, change "Guidance" to "Guidances"; in paragraph two, line six, change "which" to "that."
- 9. **Pages I-3 and -4, Introduction.** Under Standard on page I-3 (and continuing on the following page), in each listed item one through four, change each first hyphen to an em dash.
- 10. **Page I-3, Introduction.** Under Standard on this page, in listed item one, line two, insert a comma after "labeled"; in item two, line five, insert a comma after "text"; in item three, line three, insert a comma after "labeled."
- 11. **Page I-4, Introduction.** Under Standard, in listed item four, line three, insert a comma after "labeled."

- 12. **Page TC-1, Table of Contents.** In the listing for Chapter 1A, delete the comma after "Dec."; between the listings for Sections 1A.10 and 1A.12, insert a listing for "Section 1A.11 Relation to Other Documents"; in the listing for Chapter 2A, delete the comma after "Dec."; between the listings for Sections 2A.09 and 2A.11, insert a listing for "Section 2A.10 Shapes."
- 13. **Page TC-2, Table of Contents.** In the listing for Chapter 2B, delete the comma after "Dec."; in the listing for Section 2B.07, change "Multi-Way" to "Multiway."
- 14. **Page TC-3, Table of Contents.** In the listing for Chapter 2C, delete the comma after "Dec."
- 15. **Page TC-4, Table of Contents.** In the listing for Chapter 2D, replace the hyphen with an em dash; delete the comma after "Dec."
- 16. **Page TC-6, Table of Contents.** In the listing for Chapter 2E, replace the hyphen with an em dash; delete the comma after "Dec."; between the listings for Sections 2E.02 and 2E.04, insert a listing for "Section 2E.03 General"; in the listing for Section 2E.26, change "At" to "at"; in the listing for Section 2E.31, change "Sign" to "Signs."
- 17. **Page TC-7, Table of Contents.** In the listing for Section 2E.47, change "Closely-Spaced" to "Closely Spaced"; in the listing for Chapter 2F, delete the comma after "Dec."; in the listing for Chapter 2G, after the word "SIGNS," delete "(TODS)" and delete the comma after "Dec."
- 18. **Page TC-8, Table of Contents.** In the listings for Chapters 2H, 2I, and 3A, delete the comma after "Dec."
- 19. **Page TC-9, Table of Contents.** In the listings for Chapters 3B and 3C, delete the comma after "Dec."
- 20. **Page TC-10, Table of Contents.** In the listings for Chapters 3D, 3E, 3F, 3G, and 4A, delete the comma after "Dec."; in the listing for Chapter 4B, replace the hyphen with an em dash, and delete the comma after "Dec."
- 21. **Page TC-11, Table of Contents.** In the listings for Chapters 4C and 4D, delete the comma after "Dec."; in the listings for Sections 4D.02, 4D.03, 4D.06, and 4D.07, change "For" to "for"; in the listing for Chapter 4E, delete the comma after "Dec."
- 22. **Page TC-12, Table of Contents.** In the listings for Chapters 4F, 4G, 4H, 4I, and 4J, delete the comma after "Dec."
- 23. **Page TC-13, Table of Contents.** In the listings for Chapters 4K, 4L, 5A, 5B, and 5C, delete the comma after "Dec."

- 24. **Page TC-14, Table of Contents.** In the listings for Chapters 5D, 5E, 5F, and 5G, delete the comma after "Dec."
- 25. **Page TC-15, Table of Contents.** In the listings for Chapters 6A, 6B, 6C, 6D, and 6E, delete the comma after "Dec."
- 26. Page TC-16, Table of Contents. In the listing for Chapter 6F, delete the comma after "Dec."
- 27. **Page TC-18, Table of Contents.** In the listing for Chapter 6G, delete the comma after "Dec."; in the listing for Section 6G.04, change "to" to "To"; in the listing for Section 6G.11, change "Multi-Lane, Non-Access" to "Multilane, Nonaccess"; in the listings for Chapters 6H and 7A, delete the comma after "Dec."
- 28. **Page TC-19, Table of Contents.** In the listings for Chapters 7B, 7C, 7D, and 7E, delete the comma after "Dec."
- 29. **Page TC-20, Table of Contents.** In the listings for Chapters 7F, 8A, and 8B, delete the comma after "Dec."; in the listing for Section 8B.02, change "Sign" to "Signs"; in the listing for Section 8B.10, change "Sign" to "Signs."
- 30. **Page TC-21, Table of Contents.** In the listings for Chapters 8C, 8D, 9A, and 9B, delete the comma after "Dec."
- 31. **Page TC-22, Table of Contents.** In the listings for Chapters 9C, 9D, and 10A, delete the comma after "Dec."
- 32. **Page TC-23, Table of Contents.** In the listings for Chapters 10B, 10C, 10D, and Appendix A1, delete the comma after "Dec."; in the listing for Appendix A1, insert a period after "A1" and capitalize "Appendix A1. Congressional Legislation."
- 33. **Page TC-24, List of Figures.** In the listing for Figure 2A-1, change "Height" to "Heights" and "Location" to "Locations"; in the listing for Figure 2A-3, change "With" to "with"; in the listing for Figure 2A-4, change "With" to "with"; in the listings for Chapters 2D and 2E, replace the hyphen with an em dash; in the listing for Figure 2E-4, change "With" to "with"
- 34. **Page TC-25, List of Figures.** In the listing for Figure 2E-5, change "With" to "with"; in the listing for Figure 2E-6, after the word "Lane," delete "and Route Discontinuity"; in the listing for Figure 2E-8, change "EXIT27" to "EXIT"; in the listing for Figure 2E-15, change "Multi-Exit" to "Multiexit"; in the listing for Figure 2E-21, change "Closely-Spaced" to "Closely Spaced."
- 35. Page TC-26, List of Figures. In the listing for Figure 3B-3, change "Three-lane" to "Three-

Lane."

- 36. **Page TC-27, List of Figures.** In the listing for Figure 3B-16, change "that" to "That"; in the listings for Figures 4C-1, -2, -3, and -4, delete each first hyphen and replace with a comma.
- 37. **Page TC-28, List of Figures.** In the listing for Figure 6C-3, insert a comma after "One-Lane"; in the listing for Figure 6F-1, replace the hyphen with an em dash.
- 38. **Page TC-29, List of Figures.** In the listing for Figure 6H-11, change "Two-Volume" to "Low-Volume"; in the listings for 6H-30, 6H-32, and 6H-35, change "Multi-Lane" to "Multilane."
- 39. Page TC-30, List of Figures. In the listing for Figure 8B-1, change "Sign" to "Signs."
- 40. **Page TC-31, List of Figures.** In the listing for Part 9, change "BICYCLES" to "BICYCLE"; in the listing for Figure 9C-1, line one, change the hyphen to an em dash.
- 41. **Page TC-32, List of Figures.** In the listing for Figure 10D-7, close up the word spaces surrounding the hyphen between the words "Highway" and "Light"; in the listing for Figure 10D-8, change "Non-Intersection" to "Nonintersection."
- 42. **Page TC-33, List of Tables.** In the listing for Table 1A-2, change "With" to "with."
- 43. **Page TC-34, List of Tables.** In the listing for Chapter 2E, change the hyphen to an em dash.
- 44. **Page TC-35, List of Tables.** In the listing for Part 6, change "CONTROLS" to "CONTROL"; in the listing for Part 7, change "TRAFFIC CONTROLS FOR BICYCLE FACILITIES" to "TRAFFIC CONTROLS FOR SCHOOL AREAS."
- 45. **Page TC1-1, Table of Contents**. In the first line of the Table of Contents, delete the comma following "Dec."; in the listing for Section 1A.13, change "this" to "This."
- 46. **Page TC1-1, Table of Tables.** In the listing for Table 1A-2, change "With" to "with."
- 47. **Page 1A-1, Section 1A.01, Purpose of Traffic Control Devices**. Under Support, in line 3, the word "nation" should read "Nation."
- 48. **Page 1A-1, Section 1A.02, Principles of Traffic Control Devices**. In listed items A through D under Guidance, each terminal comma should be replaced by a semicolon.
- 49. **Page 1A-2, Section 1A.02, Principles of Traffic Control Devices**. Under Support, the

first occurrence of the word "speed" should be set off by quotation marks.

- 50. **Page 1A-3, Section 1A.03, Design of Traffic Control Devices**. In line two under Option, delete the word "with" from the second sentence.
- 51. **Page 1A-3, Section 1A.05, Maintenance of Traffic Control Devices.** After the heading "Guidance:" insert the following two paragraphs:

"Functional maintenance of traffic control devices should be used to determine if certain devices need to be changed to meet current traffic conditions.

"Physical maintenance of traffic control devices should be performed to ensure that legibility is retained, that the device is visible, and that it functions properly in relation to other traffic control devices in the vicinity."

- 52. **Page 1A-5, Section 1A.08, Authority for Placement of Traffic Control Devices**. In the third line under Guidance, delete the hyphen from "non-essential."
- 53. **Page 1A-5, Section 1A.08, Authority for Placement of Traffic Control Devices**. In the fourth line under Guidance, delete the words "or other" and insert a comma following the word "signs."
- 54. **Page 1A-6, Section 1A.10, Interpretations, Experimentations, and Changes**. In the first line under Support, from the words "the vehicle, and in" delete the words "the" and "in."
- 55. **Page 1A-7, Section 1A.10, Interpretations, Experimentations, and Changes**. Under the second Guidance on this page, from listed items A, B, and C, delete each terminal period and replace with a semicolon. In listed item C, follow the newly inserted semicolon with the word "and."
- 56. **Page 1A-9, Section 1A.10, Interpretations, Experimentations, and Changes**. Under listed item E, delete the hyphen between "legally" and "binding" and insert a word space.
- 57. **Page 1A-10, Section 1A.10, Interpretations, Experimentations, and Changes**. Under Guidance, from listed items A and B, delete each terminal period and replace with a semicolon. In item B, follow the semicolon with the inserted word "and".
- 58. **Page 1A-10, Section 1A.11, Relation to Other Documents**. Under Support, in item A, replace three hyphens with em dashes.
- 59. **Page 1A-11, Figure 1A-2. Typical Process for Incorporating New Traffic Control Devices into the MUTCD.** In running head, change date from "12/15/00" to "December

2000."

- 60. **Page 1A-12, Section 1A.11, Relation to Other Documents**. Under Support, in items G and H, replace two hyphens with em dashes.
- 61. **Page 1A-12, Section 1A.12, Color Code**. Under Support, change "nine" to "9" and "twelve" to "12."
- 62. **Page 1A-13, Section 1A.12, Color Code**. Under Standard, in items A through H, replace hyphens with em dashes; in item I, replace the hyphen following "Green" with an em dash; and in items J though L, replace hyphens with em dashes.
- 63. **Page 1A-13, Section 1A.13, Definitions of Words and Phrases in this Manual**. In Section heading, change "this" to "This."
- 64. **Pages 1A-14 through 1A-22, Section 1A.13, Definitions of Words and Phrases in This Manual**. Under Standard, in items 1–21, 23–30, 32–38, 40–59, 61–67, 69–75(c), and 75(e)–91, replace first hyphen in each item with an em dash; in item 2, delete the hyphen from "mid-block"; in item 22, replace hyphen following "Marker" with em dash; in items 23–30, replace first hyphen in each item with an em dash; in item 31, replace hyphen following "Crossing" with an em dash; in item 39, replace the hyphen following "Signal" with an em dash; in item 60, replace the hyphen following "[Assignment]" with an em dash; in item 68, replace the hyphen following "Path" with an em dash; in item 75(d), replace the hyphen following "Speed" with an em dash; and in item 92, replace the hyphen following "Arrows" with an em dash.
- 65. **Page 1A-15, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 12, delete the hyphen from "non-recoverable."
- 66. **Page 1A-17, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 33, line 2 of item, delete the double hyphen and replace with an em dash; in item 40, change "See" to "see."
- 67. **Page 1A-18, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 43, delete the hyphen from "multi-lane."
- 68. **Page 1A-19, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 65, delete hyphen from "slightly-raised" and insert a word space.
- 69. **Page 1A-20, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 68, in line five of the item, change "non-motorized" to "nonmotorized."

- 70. **Page 1A-21, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 78, delete the hyphen from "legislatively-specified" and insert a word space.
- 71. **Page 1A-22, Section 1A.13, Definitions of Words and Phrases in This Manual**. In item 89, delete the hyphen from "semi-exclusive."
- 72. **Page 1A-23, Section 1A.14, Abbreviations Used on Traffic Devices.** Change "Option:" to "Standard:"; change related text from "The standard abbreviations for the word messages listed in Table 1A-1 may be used in connection with traffic control devices." to "When abbreviations are needed for traffic control devices, the abbreviations shown in Table 1A-1 shall be used."; and change the font for the foregoing type to boldface, one point larger.
- 73. **Page 1A-25, Table 1A-2, Abbreviations That Are Acceptable Only With a Prompt Word.** In Table title, change "With" to "with."
- 74. **Page TC2-1, Table of Contents**. In the listing for Section 2B.07, change "Multi-Way" to "Multiway."
- 75. **Page TC2-3, Table of Contents**. In the heading for Chapter 2D, replace the en dash with an em dash and close the word spaces around it.
- 76. **Page TC2-4, Table of Contents**. Under the listing for Section 2D.25, change "Arow" to "Arrow."
- 77. **Page TC2-5, Table of Contents**. In the heading for Chapter 2E, replace the hyphen with an em dash and close the word spaces around it.
- 78. **Page TC2-5, Table of Contents**. Under the listing for Section 2E.26, change "At" to "at"; for Section 2E.31, change "Sign" to "Signs."
- 79. **Page TC2-6, Table of Contents**. Under the listing for Section 2E.47, delete the hyphen from "Closely-Spaced" and replace it with a word space.
- 80. Page TC2-6, Table of Contents. In the heading for Chapter 2G, delete "(TODS)."
- 81. **Page TC2-7, Table of Figures**. Under the listing for Figure 2A-1, change "Height and Lateral Location" to "Heights and Lateral Locations"; for Figures 2A-3 and 2A-4, change "With" to "with."
- 82. **Page TC2-7, Table of Figures**. In the headings for Chapters 2D and 2E, replace the hyphens with em dashes and close the word spaces around them.

- 83. **Page TC2-8, Table of Figures**. In the listings for Figures 2E-4 and 2E-5, change "With" to "with"; for Figure 2E-6, delete "and Route Discontinuity"; for Figure 2E-8, delete "27"; for Figure 2E-15, change "Multi-Exit" to "Multiexit"; for Figure 2E-21, change "Closely-Spaced" to "Closely Spaced."
- 84. **Page TC2-9, Table of Tables**. In the heading for Chapter 2E, replace the hyphen with an em dash and close the word spaces around it.
- 85. **Page 2A-1, Section 2A.01, Function and Purpose of Signs**. Under Support, listed items should be indented only to level of paragraph indention; replace en dashes with em dashes and close up word space around them.
- 86. **Page 2A-1, Section 2A.01, Function and Purpose of Signs**. Under Standard, in listed items A, B, and C, replace terminal periods with semicolons, and in item C, insert "and" following the semicolon.
- 87. **Page 2A-1, Section 2A.01, Function and Purpose of Signs**. Under Standard, in each listed item, replace the first hyphen with an em dash and close up word spaces around it.
- 88. **Page 2A-3, Section 2A.06, Design of Signs**. Under Support, in listed item A, replace the comma with a semicolon.
- 89. **Page 2A-4, Section 2A.07, Changeable Message Signs.** Under Standard, line three, change "6F.02" to "6F.52."
- 90. **Page 2A-5, Section 2A.08, Retroreflectivity and Illumination.** Under Support, insert paragraph indention in first line.
- 91. **Page 2A-5, Section 2A.08, Retroreflectivity and Illumination**. Under Support, in the last line of text, insert "by" before "night."
- 92. **Page 2A-5, Section 2A.08, Retroreflectivity and Illumination**. Under Option, in line one, change "Different sign elements" to "Sign elements"; in line two, change "Retroreflection of different sign elements may be by the means..." to "Retroreflection of sign elements may be accomplished by the means...."
- 93. **Page 2A-6, Table 2A-1, Illumination of Sign Elements**. In the right column head, change "to be" to "To Be."
- 94. **Page 2A-6, Table 2A-1, Illumination of Sign Elements**. In the left column, in the second box below the head, change "independently-mounted" to "independently mounted."

- 95. **Page 2A-7, Table 2A-3, Use of Sign Shapes**. In the right column, in the sixth box below the head, delete extra word space from "Grade Crossing."
- 96. **Page 2A-9, Table 2A-4, Common Uses of Sign Colors**. In the footnote, change "flourescent" to "fluorescent."
- 97. Page 2A-11, Section 2A.14, Word Messages. Under Option, change "stret" to "street."
- 98. **Page 2A-11, Section 2A.15, Sign Borders.** Under Standard, in paragraph two, line one, delete "panel and border."
- 99. **Page 2A-11, Section 2A.15, Sign Borders.** Under Guidance, at the end of the paragraph, insert "Where practicable, the corners of the sign should be rounded to fit the border, except for STOP signs."
- 100. Page 2A-12, Figure 2A-1. Height and Lateral Location of Signs for Typical Installations. In the Figure title, change "Height and Lateral Location" to "Heights and Lateral Locations."
- 101. **Page 2A-20, Section 2A.16, Standardization of Location**. Under Option, change "multilane" to "multilane."
- 102. **Pages 2A-20 and -21, Section 2A.17, Overhead Sign Installations**. Under Option, at the end of each listed item A through L, insert a semicolon; in listed item L, insert "and" to follow the semicolon; and at the end of listed item M, insert a period.
- 103. **Page 2A-20, Section 2A.17, Overhead Sign Installations**. Under Option, in listed item E, change "Closely-spaced" to "Closely spaced."
- 104. **Page 2A-21, Section 2A.17, Overhead Sign Installations**. Under Option, in listed item F, change "Multi-lane" to "Multilane."
- 105. **Page 2A-22, Section 2A.18, Mounting Height**. Under first Option, third paragraph, change the last word "section" to "Section."
- 106. **Page 2A-24, Section 2A.21, Orientation**. Under Guidance, change "vertically-mounted" to "vertically mounted."
- 107. **Page 2A-24, Section 2A.23, Maintenance**. Under Guidance, in paragraph one, line one, change "kept in proper position, clean, legible, and with adequate retroreflectivity" to "kept properly positioned, clean, and legible, and should have adequate retroreflectivity."

- 108. **Page 2B-1, Section 2B.03, Size of Regulatory Signs**. Under Support, in the second line, insert "and" following "freeways,".
- 109. **Page 2B-3, Table 2B-1, Regulatory Sign Sizes (Sheet 2 of 4)**. Under left column, in the 19th item under head, change "Non-Motorized" to "Nonmotorized"; in the 20th and 21st items under head, change "Motor Driven" to "Motor-Driven."
- 110. **Page 2B-4, Table 2B-1, Regulatory Sign Sizes (Sheet 3 of 4)**. Under left column, in 14th item under head, change "At" to "at."
- 111. **Page 2B-5, Table 2B-1, Regulatory Sign Sizes (Sheet 4 of 4)**. Under left column, in 5th item under head, change "With" to "with"; in 9th item under head, change "On" to "on"; in 11th item under head, change "Off" to "off."
- 112. **Page 2B-8, Section 2B.05, STOP Sign Applications**. Under first Guidance, at the end of each listed item A, B, and C, insert a semicolon; in item C, insert "and/or" following the semicolon.
- 113. **Page 2B-8, Section 2B.05, STOP Sign Applications**. Under first Guidance, in listed item D, insert "that" after "indicate."
- 114. Page 2B-8, Section 2B.05, STOP Sign Applications. Under Standard, first paragraph should read, "Because the potential for conflicting commands could create driver confusion, STOP signs shall not be installed at intersections where traffic control signals are installed and operating."
- 115. **Page 2B-9, Section 2B.05, STOP Sign Applications**. Under Support, from listed item B, delete concluding "and"; in listed item C, delete terminal period and replace with "; and."
- 116. **Page 2B-9, Section 2B.06, STOP Sign Placement**. Under Standard, in first line, change "right" to "correct."
- 117. **Page 2B-9, Section 2B.06, STOP Sign Placement**. Under Guidance, in second line of third paragraph, change "an angle, or shielded, so…" to "an angle or else shielded so…"
- 118. **Page 2B-10, Section 2B.07, Multi-Way Stop Applications**. In Section title, change "Multi-Way" to "Multiway."
- 119. **Page 2B-10, Section 2B.07, Multiway Stop Applications**. Under Support, in the first paragraph, lines one and three, change "Multi-way" to "Multiway." In line two, change "multi-way" to "multiway." In the second paragraph, at the end of line one, change the hyphen in

"multi-way" from a hard hyphen to a soft hyphen.

- 120. **Page 2B-10, Section 2B.07, Multiway Stop Applications**. Under Guidance, in paragraph one, line one, and in paragraph two, line one, change "multi-way" to "multiway"; in listed item A, line one, and in listed item b, line two, change "multi-way" to "multiway."
- 121. **Page 2B-10, Section 2B.07, Multiway Stop Applications**. Under Guidance, in listed item B, line one, change "five" to "5."
- 122. **Page 2B-11, Section 2B.07, Multiway Stop Applications**. Under Option, at the end of each listed item A, B, and C, replace the period with a semicolon; at the end of item C, insert "and" following the semicolon.
- 123. **Page 2B-11, Section 2B.07, Multiway Stop Applications**. Under Option, in listed item D, change "multi-way" to "multiway."
- 124. **Page 2B-12, Section 2B.09, YIELD Sign Applications**. Under Option, in listed item C, line three, insert a comma following "highway."
- 125. **Page 2B-12, Section 2B.10, YIELD Sign Placement**. Under Standard, in the first line, change "right" to "correct."
- 126. **Page 2B-13, Section 2B.11, Speed Limit Sign (R2-1)**. Under Option, at the end of each listed item A, B, C, and D, replace periods with semicolons; in item D, insert "and" following the semicolon.
- 127. Page 2B-14, Section 2B.13, Night Speed Limit Sign (R2-3). Under Option, change:

"Posting day and night speed limits may be done in any of the following ways:

- A. A Night Speed Limit sign may be combined with or installed below the standard Speed Limit (R2-1).
- B. A changeable message sign may be used for day/night speed limits provided that the appropriate speed limit is shown at the proper times."

to:

"A Night Speed Limit sign may be combined with or installed below the standard Speed Limit (R2-1) sign."

- 128. Page 2B-15, Sign Illustration Page. In Sign R3-2, rotate the slash by 90 degrees right.
- 129. **Page 2B-16, Section 2B.16, Reduced Speed Ahead Signs (R2-5 Series)**. Delete the second occurrence of the word "Guidance" and adjust the line spacing around it as appropriate.

- 130. Page 2B-18, Section 2B.18, Intersection Lane Control Signs (R3-5 through R3-8). Under Standard, at the end of each listed item A and B, insert a semicolon; at the end of item B, insert "and" following the semicolon; and at the end of item C, insert a period.
- 131. **Page 2B-19, Section 2B.18, Intersection Lane Control Signs (R3-5 through R3-8)**. In the first line of the footnoted text at midpage, delete the hyphen following the asterisk.
- 132. Page 2B-20, Section 2B.19, Mandatory Movement Lane Control Signs (R3-5, R3-5a, and R3-7). In the first line of the second paragraph of Standard, change "multi-lane" to "multilane."
- 133. **Page 2B-22, Section 2B.22, Two-Way Left Turn Only Signs (R3-9a, R3-9b)**. Under Guidance, in line two, change "non-reversible" to "nonreversible."
- 134. **Page 2B-24, Section 2B.23, Reversible Lane Control Signs (R3-9c through R3-9i)**. Under the second Standard, second paragraph, line two, insert a comma following "signs."
- 135. Page 2B-26, Table 2B-2, Meanings of Symbols and Legends on Reversible Lane Control Signs. In the right column, in the second box below the head, change "thru" to "through"; in the right column, in the third box below the head, insert a comma after "i.e."
- 136. **Page 2B-26, Section 2B.23, Reversible Lane Control Signs (R3-9c through R3-9i)**. Under the second Standard, in line two, delete the comma following "reversed."
- 137. Page 2B-27, Section 2B.23, Reversible Lane Control Signs (R3-9c through R3-9i).Under Standard, in line one of the first paragraph on this page, change "from section" to "from a section."
- 138. **Page 2B-28, Section 2B.26, SLOWER TRAFFIC KEEP RIGHT Sign (R4-3)**. Under Option, change "multi-lane" to "multilane."
- 139. **Page 2B-28, Section 2B.26, SLOWER TRAFFIC KEEP RIGHT Sign (R4-3)**. Under Guidance, in line two, change "multi-lane" to "multilane."
- 140. **Page 2B-30, Section 2B.27, Slow Moving Traffic Lane Signs (R4-5, R4-6)**. Under Option, in line two, change "multi-lane" to multilane."
- 141. **Page 2B-34, Section 2B.31, Selective Exclusion Signs**. Under the second Support, set up listed items in a lettered outline format (A–H) consistent with list format used elsewhere; insert an additional line space between each item; and replace each terminal comma with a semicolon.

- 142. **Page 2B-35, Section 2B.32, ONE WAY Signs (R6-1, R6-2)**. Under Guidance, in lines two and three, change "should be placed and visible to each crossroad approach on" to "should be placed, visible to each crossroad approach, on…"
- 143. **Page 2B-37, Section 2B.34, Parking, Standing, and Stopping Signs (R7 and R8 Series)**. Under Support, in line two, insert a comma after "regulations."
- 144. **Page 2B-37, Section 2B.34, Parking, Standing, and Stopping Signs (R7 and R8 Series)**. Under Support, set up listed items in a lettered outline format (A–M) consistent with list format used elsewhere; insert an additional line space between each item; and replace each terminal comma with a semicolon.
- 145. **Page 2B-37, Section 2B.34, Parking Standing, and Stopping Signs (R7 and R8 Series**. Under Support, in the second listed item, change "to" to "TO."
- 146. **Page 2B-40, Section 2B.35, Design of Parking, Standing, and Stopping Signs**. Under Guidance, at the end of each listed item A and B, replace the terminal period with a semicolon, and in item B, after the semicolon, insert "and."
- 147. **Page 2B-41, Section 2B.35, Design of Parking, Standing, and Stopping Signs.** Under Option, in listed item B, lines two and three, change "a single 300 x 900 mm (12 x 36 in) sign." to "a single 300 x 750 mm (12 x 30 in) sign."
- 148. Page 2B-42, Section 2B.38, WALK ON LEFT FACING TRAFFIC and No Hitchhiking Signs (R9-1, R9-4, R9-4a). Under Standard, in line one, change "should" to "shall."
- 149. **Page 2B-44, Section 2B.39, Pedestrian Crossing Signs (R9-2, R9-3)**. Under the second Option, in the first paragraph, second line, change "jay-walking" to "jaywalking."
- 150. **Page 2B-45, Section 2B.40, Traffic Signal Signs (R10-1 through R10-13)**. Under Standard, in each listed item A through C, replace each comma with a semicolon.
- 151. **Page 2B-45, Section 2B.40, Traffic Signal Signs (R10-1 through R10-13).** Under Option, change:
  - "A. TO CROSS STREET (arrow),
  - B. PUSH BUTTON WAIT FOR GREEN LIGHT (R10-3a), and
  - C. TO CROSS STREET (arrow) PUSH BUTTON WAIT FOR WALK SIGNAL (R10-4a)."
  - to:
  - "A. TO CROSS STREET (arrow), PUSH BUTTON WAIT FOR GREEN LIGHT (R10-

3a); and

- B. TO CROSS STREET (arrow), PUSH BUTTON WAIT FOR WALK SIGNAL (R10-4a)."
- 152. **Page 2B-47, Section 2B.40, Traffic Signal Signs (R10-1 through R10-13)**. Under Guidance, in each listed item A through D, replace the terminal period with a semicolon; in item D, insert "and" after the semicolon; and in item E, change "accidents in a 12-month period have been reported for the particular approach" to "accidents reported in a 12-month period for the particular approach."
- 153. Page 2B-49, Section 2B.42, ROAD CLOSED Sign (R11-2) and LOCAL TRAFFIC ONLY Signs (R11-3 Series, R11-4). Under Guidance, in the second paragraph, first line, replace the first hyphen with an em dash.
- 154. **Page 2B-52, Section 2B.46, Hazardous Cargo Signs (R14-2, R14-3).** Under Option, in the second paragraph, change "where transporting" to "where the transporting."
- 155. **Page 2B-55, Section 2B-48, Preferential Lane Signs (R3-10 through R3-17)**. Under the first Guidance, in the first paragraph on this page, change "High Occupancy" to "High-Occupancy."
- 156. **Page 2B-56, Section 2B-48, Preferential Lane Signs (R3-10 through R3-17)**. Under Guidance, in the first paragraph on this page, line one, delete the comma after "size."
- 157. **Page 2B-56, Section 2B.49, High-Occupancy Vehicle (HOV) Lanes**. Under Standard, in the fifth paragraph, line five, change "local, region, or federal-aid" to "local, regional, or Federal-aid."
- 158. **Page 2B-57, Section 2B.49, High-Occupancy Vehicle (HOV) Lanes**. Under Support, in the first paragraph, line four, insert a comma following "771."
- 159. **Page 2B-57, Section 2B.49, High-Occupancy Vehicle (HOV) Lanes**. Under Option, in paragraph two, line two, replace the hyphen in "Physically-separated" with a word space and delete the comma after "direction."
- 160. **Page 2B-58, Section 2B.50, High-Occupancy Vehicle Sign Applications and Placement**. Under Standard, in paragraph one, line five, insert a comma after "R3-11."
- 161. **Page 2C-2, Table 2C-1, Application of Warning Signs**. In the left column, third box below the head, change "Non-Vehicular" to "Nonvehicular."

- 162. **Page 2C-3, Section 2C.04, Size of Warning Signs**. Under Option, in the first line, change "Minimum" to "minimum."
- 163. **Page 2C-6, Notes to Table 2C-4, Guidelines for Advance Placement of Warning Signs** (**Metric Units**). In note four, third line, insert a comma after "119)"; in the fourth line, insert a comma after "second<sup>2</sup>)."
- 164. Page 2C-7, Notes to Table 2C-4, Guidelines for Advance Placement of Warning Signs (English Units). In note four, third line, insert a comma after "119)"; in the fourth line, insert a comma after "second<sup>2</sup>)."
- 165. **Page 2C-9, Sign Illustration Page.** In the illustration of Sign W1-8, remove the border.
- 166. **Page 2C-12, Section 2C.11, Hill Signs (W7-1, W7-1a, W7-1b)**. Under Guidance, set up listed items in a lettered outline format (A–E) consistent with list format used elsewhere; insert an additional line space between each item; insert terminal semicolons at the end of each item A through D; after the semicolon in item D, insert "or"; and insert a period at the end of item E.
- 167. Page 2C-16, Section 2C.15, ONE LANE BRIDGE Sign (W5-3). Under Guidance, in listed item C, change "If the sight distance is limited on the approach to a structure having a clear roadway width of 5.5 m (18 ft) or less." to "Having a clear roadway width of 5.5 m (18 ft) or less." to "Having a clear roadway width of 5.5 m (18 ft) or less." to "Having a clear roadway width of 5.5 m (18 ft) or less." to "Having a clear roadway width of 5.5 m (18 ft) or less."
- 168. **Page 2C-17, Section 2C.17, Divided Highway (Road) Ends Sign (W6-2)**. Under Guidance, change "physically-divided" to "physically divided.."
- 169. **Page 2C-20, Section 2C.21, BUMP and DIP Signs (W8-1, W8-2).** Under the second Guidance, line two, after the word "zone," delete "when centerline striping is provided on a two-lane road."
- 170. **Page 2C-23, Section 2C.27, CROSS TRAFFIC DOES NOT STOP Plaque (W4-4P)**. Under Standard, in lines two and three, change "non-stopping" to "nonstopping."
- 171. **Page 2C-24, Sign Illustration Page.** In sign W4-3, change the rule between the arrows so that the section of the rule above the arrow flanges is dashed.
- 172. **Page 2C-25, Section 2C.30, Lane Ends Signs (W9-1, W9-2)**. Under first Guidance, second line, change "multi-lane" to "multilane."
- 173. **Page 2C-25, Section 2C.30, Lane Ends Signs (W9-1, W9-2)**. Under Option, in paragraph one, line one, change "Lane Reduction" to "LANE ENDS."

- 174. **Page 2C-26, Section 2C.31, Two-Way Traffic Sign (W6-3)**. Under Guidance, line two, change "multi-lane" to "multilane."
- 175. Page 2C-28, Section 2C.33, Advisory Exit, Ramp, and Curve Speed Signs (W13-2, W13-3, W13-5). Under Option, in paragraph one, line two, delete the comma following "curvature"; in paragraph two, line three, delete the comma following "curvature."
- 176. **Page 2D-1, Chapter Title**. Change hyphen in Chapter title to an em dash and delete word spaces around it.
- 177. **Page 2D-2, Section 2D.06, Size of Lettering**. Under Standard, line two, change "be shown" to "be as shown."
- 178. **Page 2D-4, Section 2D.08, Arrows**. Under Guidance, line three, change "horizontallyoriented" to "horizontally oriented."
- 179. **Page 2D-5, Section 2D.09, Numbered Highway Systems**. Under Support, in listed item A, delete the comma and insert a semicolon after the closing quotation mark.
- 180. **Page 2D-9, Section 2D.11, Design of Route Signs**. In first Standard, first line of page, insert a comma between "Scale" and closing quotation mark.
- 181. **Page 2D-10, Section 2D.14, Combination Junction Sign (M2-2)**. Under Guidance, in the second paragraph, second line, delete the comma following "legibility," and in the third line, change "comparable size" to "size comparable."
- 182. **Page 2D-14, Section 2D.22, END Auxiliary Sign (M4-6)**. Under Standard, in the second line, delete the comma after the word "sign."
- 183. **Page 2D-15, Section 2D.25, Advance Turn Arrow Auxiliary Signs (M5-1, M5-2).** Under Standard, line four, delete the extra word space after the hyphen from "(M5- 2)."
- 184. **Page 2D-23, Section 2D.32, Trailblazer Assembly**. Under Option, change "trailblazer" to "Trailblazer."
- 185. **Page 2D-25, Section 2D.34, Destination Signs**. Under the second Guidance on this page, in listed item A, delete the terminal period and replace with a semicolon, followed by "and."
- 186. **Page 2D-27, Section 2D.34, Destination Signs**. Under the second Standard, second line, change "name" to "names."

- 187. **Page 2D-28, Section 2D.36, Distance Signs**. Under the second Option, in the second paragraph, in each of two occurrences, change "state" to "State."
- 188. **Page 2D-28, Section 2D.37, Location of Distance Signs**. Under Guidance, in the first paragraph, line one, delete the comma after the word "municipalities"; in line three, delete the comma after the word "limits."
- 189. **Page 2D-29, Section 2D.38, Street Name Sign (D3)**. Under Guidance, in the first paragraph, second line, delete the comma after the word "present"; in the second paragraph, second line, insert a comma following the first occurrence of "letters."
- 190. **Page 2D-33, Section 2D.41, Rest Area Signs (D5 Series)**. Under Standard, insert a comma after "symbols."
- 191. **Page 2D-35, Section 2D.43, Weigh Station Signing (D8 Series)**. Under Standard, at the end of each listed item A and B, insert a semicolon; in item B, after the semicolon, insert "and"; and at the end of item C, insert a period.
- 192. **Page 2D-37, Section 2D.44, General Service Signs (D9 Series)**. Under the second Option on this page, change "general service" to "General Service."
- 193. **Page 2D-37, Section 2D.44, General Service Signs (D9 Series)**. Under the third Standard on this page, change "general service" to "General Service."
- 194. **Page 2D-39, Section 2D.44, General Service Signs (D9 Series)**. Under the first Option on this page, in the first paragraph, line three, change "general service" to "General Service"; in the second paragraph, line three, change "useable" to "usable."
- 195. **Page 2D-40, Section 2D.44, General Service Signs (D9 Series)**. Under Guidance, in listed item A.4, change "Emergency Vehicle Operator Training Course." to "emergency vehicle operator training course."
- 196. **Page 2D-40, Section 2D.44, General Service Signs (D9 Series)**. Under Guidance, in listed B.2, change "Physician (or Emergency Care Nurse on duty within the Emergency department with a physician on-call)" to "physician (or emergency care nurse on duty within the emergency department with a physician on call)."
- 197. **Page 2D-41, Section 2D.45, Reference Posts (D10-1 through D10-3)**. Under Standard, in the first paragraph, line two, change "state" to "State."
- 198. Page 2D-44, Section 2D.47, General Information Signs (I Series). Under Option, in

paragraph two, line one, change "non-carrier" to "noncarrier."

- 199. **Page 2D-46, Section 2D.47, General Information Signs (I Series)**. Under the second Guidance on this page, in listed item A, change "Eligible organizations must comply with State laws prohibiting discrimination based on race, religion, color, age, sex, national origin, and laws." to "Compliance by eligible organizations with State laws prohibiting discrimination based on race, religion, color, age, sex, national origin, and other applicable laws;"; in items B, C, and D, change each terminal period to a semicolon; and in item E, change "signs." to "signs; and."
- 200. **Page 2D-47, Section 2D.48, Signing of Named Highways**. Under Option, in line three, delete the comma after "signing."
- 201. **Page 2D-48, Section 2D.48, Signing of Named Highways**. Under Guidance, insert a comma after "highway."
- 202. Page 2D-48, Section 2D.50, Crossover Signs (D13 Series). Under the first Guidance, first line, insert a comma after "median."
- 203. **Page 2D-49, Section 2D.50, Crossover Signs (D13 Series)**. Under Guidance, line one, after "should be," delete "either."
- 204. **Page 2E-1, Chapter Title.** Replace the hyphen with an em dash and delete word spaces surrounding it.
- 205. **Page 2E-1, Section 2E.02, Freeway and Expressway Signing Principles**. Under Guidance, second line, change "as" to "when," and change "state" to "State."
- 206. **Page 2E-2, Section 2E.02, Freeway and Expressway Signing Principles**. Under Guidance, at the end of each listed item A through F, replace terminal periods with semicolons; in item F, insert "and" following the semicolon.
- 207. **Pages 2E-3 and -4, Section 2E.06, Characteristics of Urban Signing**. Under Support, in line two, change "but" to "as"; at the end of each listed item A through G, replace terminal periods with semicolons; at the end of item G, insert "and" following the semicolon.
- 208. **Page 2E-4, Section 2E.06, Characteristics of Urban Signing**. In the second listing under Support, at the end of each listed item A through G, replace terminal periods with semicolons; in item G, insert "and" following the semicolon.
- 209. **Page 2E-6, Section 2E.11, Sign Spreading and Pull-Through Signs**. Under Guidance, in line two, change "multi-exit" to "multiexit."

- 210. **Page 2E-7, Figure 2E-1. Example of Guide Sign Spreading**. In figure text, change "(Theorectical Gore)" to "(Theoretical Gore)."
- 211. **Page 2E-8, Section 2E.12, Designation of Destinations**. Under Guidance, in listed item A, change "Interchanges between freeways." to "At interchanges between freeways;"; in item B, change "Separation points of overlapping freeway routes." to "At separation points of overlapping freeway routes;"; in item C, replace terminal period with a semicolon; and in item D, replace terminal period with "; and."
- 212. Page 2E-11, Table 2E-1, Minimum Letter and Numeral Sizes for Expressway Guide Signs According to Interchange Classification. In left column, in the 20th row down from the head, change "Upper-Cases Letters" to "Upper-Case Letters."
- 213. Page 2E-14, Table 2E-3, Minimum Letter and Numeral Sizes for Freeway Guide Signs According to Interchange Classification. In the second column, in the 6th and 10th rows down from the category A head, change "300 x 300" to "900 x 900."
- 214. Page 2E-25, Figure 2E-6. Diagrammatic Signs for Two-Lane Exit with Optional Lane and Route Discontinuity. In the Figure title, delete "and Route Discontinuity."
- 215. **Page 2E-31, Section 2E.21, Changeable Message Signs**. Under Guidance, in listed item A, line three, change "three" to "3."
- 216. **Page 2E-32, Section 2E.23, Lateral Clearance**. Under Standard, line one, change "non-crashworthy" to "noncrashworthy."
- 217. **Pages 2E-32 and -33, Section 2E.24, Guide Sign Classification**. Under Support, in listed item D, after the word "Sequence," delete "Series"; at the end of each listed item A through O, replace the terminal period with a semicolon; at the end of item O, insert "and" after the semicolon.
- 218. **Page 2E-33, Section 2E.25, Route Signs and Trailblazer Assemblies**. Under Guidance, in paragraph two, fifth line, change "independently-mounted" to "independently mounted."
- 219. **Page 2E-33, Section 2E.25, Route Signs and Trailblazer Assemblies**. Under Option, in line three, change "Independently-mounted" to "Independently mounted."
- 220. **Page 2E-35, Section 2E.25, Route Signs and Trailblazer Assemblies**. Under Option, in line two, change "non-toll" to "nontoll."
- 221. Page 2E-35, Section 2E.26, Signs for Intersections At Grade. In Section title, change

"At" to "at."

- 222. **Page 2E-36, Section 2E.28, Interchange Exit Numbering**. Under Standard, line six, change "multi-exit" to "multiexit."
- 223. **Page 2E-36, Section 2E.28, Interchange Exit Numbering**. Under Option, line two, delete the comma after the word "numbering."
- 224. **Page 2E-37, Section 2E.28, Interchange Exit Numbering**. Under Support, in the second paragraph, first line, change "Figure 2E3" to "Figure 2E-3."
- 225. **Page 2E-41, Section 2E.29, Interchange Classification**. Under Support in listed item A, line three, change "multi-lane" to "multilane."
- 226. Page 2E-43, Section 2E.31, Next Exit Supplemental Signs. In Section title, change "Sign" to "Signs."
- 227. **Page 2E-45, Section 2E.32, Other Supplemental Guide Signs.** In the first Standard, change "Standard:" to "Guidance:"; in line one, change "shall" to "should"; change the font from boldface to regular; delete the following "Guidance:" and the surrounding extra line returns.
- 228. **Page 2E-46, Figure 2E-15. Supplemental Guide Signs for Multi-Exit Interchanges.** In the Figure title, change "Multi-Exit" to "Multiexit."
- 229. Page 2E-46, Figure 2-16. Supplemental Guide Sign for a Park and Ride Facility (Route without Exit Numbering). In the Figure title, change "2-16" to "2E-16."
- 230. **Page 2E-48, Section 2E.33, Exit Direction Signs**. Under third Guidance, first line, change "multi-exit" to "multiexit."
- 231. Page 2E-53, Figure 2E-21. Signing of Closely Spaced Interchanges Using Interchange Sequence Signs. In the Figure title, change "Closely-Spaced" to "Closely Spaced."
- 232. Page 2E-56, Section 2E-39, NEXT X EXITS Sign. In the Section title, change "Signs" to "Sign."
- 233. **Page 2E-66, Section 2E.47, Closely Spaced Interchanges**. In Section title, change "Closely-Spaced" to "Closely Spaced."
- 234. **Page 2E-66, Section 2E.47, Closely Spaced Interchanges**. Under Guidance, line one, change "closely-spaced" to "closely spaced."

- 235. **Page 2E-66, Section 2E.47, Closely Spaced Interchanges**. Under Standard, line one, change "closely-spaced" to "closely spaced."
- 236. **Page 2E-67, Figure 2E-30. Typical Minor Interchange Guide Signs.** In the lower right hand corner of the illustration, delete the arrow from the sign reading "Wigman 1/2 MILE."
- 237. **Page 2E-68, Section 2E.50, Wrong-Way Traffic Control at Interchange Ramps**. In Section title, change "At" to "at."
- 238. Page 2E-69, Figure 2E-31. Typical Regulatory Signing and Pavement Markings at Exit Ramp Termination to Deter Wrong-Way Entry. In "Note" to Figure, change "multi-lane" to "multilane."
- 239. **Page 2E-74, Section 2E.51, General Service Signs**. Under the second Standard on this page, in the first paragraph, line two, change "a shown" to "as shown." In the third paragraph, change "The sign space normally reserved for a give service symbol or word shall be left blank when that service is not present to provide flexibility for the future when the service might become available." to "To provide flexibility for the future when the service might become available, the sign space normally reserved for a given service symbol or word shall be left blank when that service is not present."
- 240. **Page 2E-75, Section 2E.51, General Service Signs.** Under Guidance, in all listed items, replace hyphens with em dashes and delete surrounding extra word spaces.
- 241. **Page 2E-75, Section 2E.51, General Service Signs**. Under Standard, in third line, change "independently-mounted" to "independently mounted."
- 242. **Page 2E-77, Section 2E.53, Tourist Information and Welcome Centers**. Under Standard, in the first paragraph, second line, change "Continuously-staffed" to "Continuously staffed"; in line three, insert a comma following "week."
- 243. **Page 2E-78, Section 2E.53, Tourist Information and Welcome Centers**. Under the first Guidance on this page, in listed item D, first line, delete the comma following "arrow."
- 244. **Page 2E-78, Section 2E.53, Tourist Information and Welcome Centers**. Under the second Guidance on this page, in listed item A, line one, change "state" to "State."
- 245. **Page 2E-80, Section 2E.56, Radio Information Signing**. Under Standard, at the end of listed item A, replace the period with a semicolon followed by "or."
- 246. Page 2F-1, Section 2E.01, Eligibility. Under second Guidance, line two, change "re-enter"

to "reenter."

- 247. **Page 2F-10, Section 2F.10, Signing Policy**. Under Guidance, line two, insert a comma after "includes."
- 248. **Page 2F-10, Section 2F.10, Signing Policy**. Under Guidance, at the end of each listed item A through E, replace each terminal period with a semicolon; in item E, change "non-rural" to "nonrural"; and at the end of item E, insert "and" following the semicolon.
- 249. **Page 2G-7, Section 2G.06, Sign Locations**. Under Guidance, in the second paragraph, line four, change "lastly" to "last."
- 250. Page 2H-1, Section 2H.02, Application of Recreational and Cultural Interest Area Signs. Under Option, third line, change "non-vehicular" to "nonvehicular."
- 251. **Page 2H-3, Table 2H-1, Category Chart for Symbols**. In the middle column, in the last item under the heading "Land Recreation," change "Hanglider" to "Hang Glider."
- 252. **Page 2H-4, Section 2H.05, Symbol Sign Sizes**. Under Option, line two, change "non-road" to "nonroad."
- 253. Page 2H-6, Section 2H.08, Placement of Recreational and Cultural Interest Area Symbol Signs. Under Standard, in paragraph three, line one, change "non-road" to "nonroad."
- 254. **Page 2H-11, Figure 2H-6. New Recreation and Cultural Interest Area Symbols**. In Figure title, change "&" to "and"; in caption of Symbol RL-210, change "Hanglider" to "Hang Glider."
- 255. **Page TC3-2, Table of Figures**. In the listing for Figure 3B-3, change "Three-lane" to "Three-Lane."
- 256. **Page TC3-3, Table of Figures**. In the listing for Figure 3B-16, change "that" to "That."
- 257. **Page 3A-4, Section 3A.06, Widths and Patterns of Longitudinal Pavement Markings**. Under Standard, in listed item F, line one, change "noticably" to "noticeably."
- 258. **Page 3A-4, Section 3A.06, Widths and Patterns of Longitudinal Pavement Markings**. Under Option, in line one, insert a comma after "gaps."
- 259. Page 3B-1, Section 3B.01, Yellow Centerline and Left Edge Line Pavement Markings

and Warrants. Under Option, in paragraph one, line one, change "geometrical" to "geometric."

- 260. **Page 3B-1, Section 3B.01, Yellow Centerline and Left Edge Line Pavement Markings and Warrants**. Under the second Standard, at the end of each listed item A and B, replace the terminal period with a semicolon; at the end of listed item B, insert "and" following the semicolon.
- 261. **Page 3B-3, Figure 3B-2. Typical Four-or-More Lane, Two-Way Marking Applications**. In both captions at the foot of the page, change "multi-lane" to "multilane."
- 262. **Page 3B-11, Section 3B.03, Other Yellow Longitudinal Pavement Markings.** Under the first Standard, in paragraph three, line four, change "for" to "as."
- 263. **Page 3B-19, Section 3B.06, Edge Line Pavement Markings**. Under Standard, in the second paragraph, first line, insert a semicolon after "intersections" and a comma after "however."
- 264. **Page 3B-21, Section 3B.07, Warrants for Use of Edge Lines**. Under Standard, at the end of each listed item A and B, replace the terminal period with a semicolon; at the end of listed item B, insert "and" following the semicolon.
- 265. **Page 3B-22, Section 3B.08, Extensions Through Intersections or Interchanges**. Under Guidance, in line three, change "multi-legged" to "multilegged."
- 266. **Page 3B-25, Figure 3B-12. Typical Lane Reduction Transition Markings**. In Illustration a, change "S = Posted, 85<sup>th</sup>..." to "S = Posted, 85<sup>th</sup>..."
- 267. **Page 3B-28, Figure 3B-13. Typical Markings for Obstructions in the Roadway**. In the Notes at the foot of the Figure, change "S = Posted, 85<sup>th</sup>..." to "S = Posted, 85<sup>th</sup>..."
- 268. **Page 3B-29, Section 3B.11, Raised Pavement Markers**. Under Support, in the first line, change "internally-illuminated" to "internally illuminated"; in the second line, change "mono-directional" to "monodirectional," and "bi-directional" to "bidirectional" in both occurrences.
- 269. **Page 3B-29, Section 3B.11, Raised Pavement Markers**. Under Guidance, in the first paragraph, first line, change "Non-retroreflective" to "Nonretroreflective"; in the second line, change "internally-illuminated" to "internally illuminated."
- 270. Page 3B-31, Section 3B.14, Raised Pavement Markers Substituting for Pavement Markings. Under the first Option, line one, change "internally-illuminated" to "internally

illuminated" and "non-retroreflective" to "nonretroreflective"; in line two, change "internallyilluminated" to "internally illuminated."

- 271. Page 3B-31, Section 3B.14, Raised Pavement Markers Substituting for Pavement Markings. Under Standard, in the first paragraph, fourth line, change "internally-illuminated" to "internally illuminated; in the second paragraph, third line, change "internally-illuminated" to "internally illuminated."
- 272. Page 3B-32, Section 3B.14, Raised Pavement Markers Substituting for Pavement Markings. Under the Standard, in the third line, change "internally-illuminated" to "internally illuminated."
- 273. **Page 3B-33, Figure 3B-14. Typical Yield Line Layout for Streets and Highways.** Between the upper and lower areas of detail in the illustration, break the illustration into two separate illustrations; beneath the key at right for the upper illustration, insert "(a) Minimum Dimensions"; beneath the key at right for the lower illustration, insert "(b) Maximum Dimensions."
- 274. **Page 3B-34, Section 3B.16, Stop and Yield Lines**. Under the second Guidance on this page, in the second paragraph, first line, change "mid-block" to "midblock."
- 275. **Page 3B-34, Section 3B.17, Crosswalk Markings**. Under Support, in the third paragraph, change "non-intersection" to "nonintersection."
- 276. **Page 3B-35, Section 3B.17, Crosswalk Markings**. Under first Guidance, in sixth paragraph, first line, change "non-intersection" to "nonintersection."
- 277. Page 3B-36, Figure 3B.16. Typical Crosswalk Markings for Exclusive Pedestrian Phase That Permits Diagonal Crossing. In the Figure title, change "that" to "That."
- 278. **Page 3B-40, Figure 3B-20. Typical Lane-Use, Lane-Reduction, and Wrong-Way Arrows for Pavement Markings.** In illustration a, change "(9.5 ft)" to "(9.0 ft)"; in illustration b, change "(8 ft)" to "(8.0 ft)"; in illustration c, change "(12.75 ft)" to "(13.0 ft)"; in illustration d, change "(23.5 ft)" to "(23.0 ft)"; in illustration e, change "(4.75 ft)" to "(4.0 ft)," and in two places, change "(27.75 in)" to "(27.0 in)"; in illustration f, change "(5.5 ft)" to "(5.0 ft)" and "(18.25 ft)" to "(18.0 ft)."
- 279. Page 3B-44, Figure 3B-22. Typical Arrow Markings at Exit-Ramp Terminals to Deter Wrong-Way Entry. In note to Figure, change "multi-lane" to "multilane."
- 280. Pages 3B-49 and -50, Section 3B.22, Preferential Lane Word and Symbol Markings.

Under second Standard, in listed items, replace each first hyphen with an em dash and delete the surrounding word spaces; in item C, change "Bus Only Lane" to "Bus only lane"; in item D, change "Taxi Only Lane" to "Taxi only lane."

- 281. Page 3B-51, Section 3B.23, Preferential Lane Longitude Markings for Motorized Vehicles. Under Support, fourth line, change "physically-separated" to "physically separated."
- 282. Pages 3B-51 and -55, Section 3B.23, Preferential Lane Longitude Markings for Motorized Vehicles. Under Standard, in listed items A through D, first line, change "lane the" to "lane—the."
- 283. **Pages 3B-51 and -55, Section 3B.23, Preferential Lane Longitude Markings for Motorized Vehicles**. Under Standard, in listed item A, first line, change "Physicallyseparated" to "Physically separated" and "non-reversible" to "nonreversible"; in listed item B, change "Physically-separated" to "Physically separated"; in item D.3, change "were" to "where."
- 284. **Page 3B-52, Table 3B-2, Standard Edge Line Lane Markings for Preferential Lanes**. In the left column, in the first row under the head, change "Physically-Separated" to "Physically Separated" and "Non-Reversible" to "Nonreversible"; in the third and fourth rows under the head, replace each hyphen with an em dash and close up the word space around it.
- 285. **Page 3B-62, Figure 3B-30. Typical Advance Warning Markings for Speed Humps**. In the note at the foot of the Figure, change "DETAIL SPEED" to "DETAIL—SPEED."
- 286. **Page 3C-1, Section 3C.01, Object Marker Design and Placement Height**. Under Standard, in paragraphs two through four, change each first en dash to an em dash, and close up word spaces around them.
- 287. **Page 3D-5, Figure 3D-1. Typical Delineator Installation.** At right side of Figure, at equal intervals, add delineator symbols to Figure to fill out right side of roadway.
- 288. **Page 3F-1, Section 3F.01, Barricades**. Under Option, in listed item A, change "The roadway ends in a dead end or cul-de-sac with no outlet." to "A roadway that ends in a dead end or cul-de-sac with no outlet;"; in item B, change "A ramp or lane is closed for operational purposes." to "A ramp or lane closed for operation purposes; or"; and in item C, change "semi-permanent" to "semipermanent."
- 289. **Page 3G-1, Section 3G.02, Approach-End Treatment**. Under the second Guidance, line two, delete the comma after "surface."

- 290. **Page TC4-1, Table of Contents**. Above listing for Section 4A.01, insert Chapter heading "CHAPTER 4A. GENERAL ..... Dec. 2000" in boldface type.
- 291. **Page TC4-1, Table of Contents**. In Chapter 4B title, change hyphen to em dash and close up word spaces around it.
- 292. **Page TC4-1, Table of Contents**. In the listings for Sections 4D.02, -.03, -.06, and -.07, change "For" to "for."
- 293. **Page TC4-3, Table of Figures**. In the listings for Figures 4C-1 through -4, replace each first hyphen with a comma.
- 294. **Pages 4A-1 and -2, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in each listed item 1 through 18, replace each first hyphen with an em dash, and close up the word spaces around it.
- 295. **Page 4A-1, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item one, change "non-visual" to "nonvisual"; in listed item five, first line, change "mid-block" to "midblock."
- 296. **Page 4A-2, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 19, change "actuated" to "Actuated"; change "Operation a type" to "Operation—a type."
- 297. **Page 4A-3, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 20, replace first hyphen with an em dash, and close up word spaces around it.
- 298. **Page 4A-3, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 21, change "Lights a special" to "Lights—a special."
- 299. **Page 4A-3, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed items 22 through 25, replace each first hyphen with an em dash, and close up word spaces around it.
- 300. **Page 4A-3, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 26, change "Lane-use" to "Lane-Use"; change "Signal a signal" to "Signal—a signal."
- 301. **Pages 4A-3 through -5, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed items 27 through 47, change each first hyphen to an em dash, and

close up word spaces around it.

- 302. **Page 4A-5, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 48, change "(Assignment) the" to "(Assignment)—the."
- 303. **Page 4A-5, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 49, change the first hyphen to an em dash, and close up word spaces around it.
- 304. **Page 4A-5, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 50, change "Semi-Actuated" to "Semiactuated"; change "Operation a type" to "Operation—a type."
- 305. **Pages 4A-5 and -6, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed items 51 through 67, replace each first hyphen with an em dash, and close up the word spaces around it.
- 306. **Page 4A-6, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed item 68, change "Section a type" to "Section—a type."
- 307. **Page 4A-6, Section 4A.02, Definitions Relating to Highway Traffic Signals**. Under Standard, in listed items 69 through 71, replace each first hyphen with an em dash, and close up word spaces around it.
- 308. **Page 4B-1, Chapter Title**. Change "SIGNALS GENERAL" to "SIGNALS—GENERAL."
- 309. **Page 4B-1, Section 4B.01, General**. Under Support, in second paragraph, line six, change "visually-complex" to "visually complex."
- 310. **Page 4B-3, Section 4B.03, Advantages and Disadvantages of Traffic Control Signals**. Under Support, in the second list, in items A through C, replace each terminal period with a semicolon; in item C, insert "and" following the semicolon.
- 311. **Pages 4B-3 and -4, Section 4B.04, Alternatives to Traffic Control Signals**. Under Option, in listed items A through K, replace each terminal period with a semicolon; in item K, insert "and" following the semicolon.
- 312. **Page 4B-4, Section 4B.04, Alternatives to Traffic Control Signals**. Under Option, in listed item J, change "multi-way" to "multiway."

- 313. **Page 4C-1, Section 4C.01, Studies and Factors for Justifying Traffic Control Signals.** Under Support, line three, change "LRT" to "light rail transit."
- 314. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the first Standard, in listed items A and B, line one, change "%" to "percent."
- 315. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the first Standard, in listed item A, line two, change "major street" to "major-street," delete "on," and change "higher volume" to "higher-volume"; in item A, line three, change the last comma to a semicolon; in item B, line two, change "major street" to "major-street," delete "on," and change "higher volume" to "higher-volume."
- 316. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the first Standard, in the last paragraph, line one, change "major street" to "major-street."
- 317. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under Option, in lines three and four, change "%" to "percent" in each of two occurrences.
- 318. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the second Standard, in listed items A and B, line one, change "%" to "percent."
- 319. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the second Standard, in listed item A, line two, change "major street" to "major-street," delete "on," and change "higher volume" to "higher-volume"; in line three, change the last comma to a semicolon; in item B, line two, change "major street" to "major-street," delete "on," and change "higher volume" to "higher-volume."
- 320. **Page 4C-4, Section 4C.02, Warrant 1, Eight-Hour Vehicular Volume**. Under the second Standard, in the last paragraph, line one, change "major street" to "major-street."
- 321. **Page 4C-5, Table 4C-1, Warrant 1, Eight-Hour Vehicular Volume**. In the first and second boldface headings, replace each hyphen with an em dash, and close up the word spaces around it; in footnote c, change "major street" to "major-street."
- 322. **Page 4C-6, Section 4C.03, Warrant 2, Four-Hour Vehicular Volume**. Under Standard, line two, change "that for" to "that, for"; in line four, change "higher volume" to "higher-volume."
- 323. **Page 4C-6, Section 4C.03, Warrant 2, Four-Hour Vehicular Volume**. Under Option, line two, delete the comma after "(40 mph)."

- 324. **Page 4C-7, Figure 4C-1. Warrant 2, Four-Hour Vehicular Volume**. In the Figure title, replace the first hyphen with a comma; in the caption beneath the Figure, replace both hyphens with em dashes; before "VPH," insert VEHICLES PER HOUR, and surround "VPH" with parentheses; in the Note beneath the Figure, change "minor street" to "minor-street" in both occurrences.
- 325. **Page 4C-7, Figure 4C-2. Warrant 2, Four-Hour Vehicular Volume (70% Factor)**. In the Figure title, replace the first hyphen with a comma; in the caption beneath the Figure, replace both hyphens with em dashes; before "VPH," insert VEHICLES PER HOUR, and surround "VPH" with parentheses; in the Note beneath the Figure, change "minor street" to "minor-street" in both occurrences.
- 326. **Page 4C-8, Section 4C.05, Warrant 4, Pedestrian Volume.** In the Section title, insert "Section" before "4C.05."
- 327. **Page 4C-9, Figure 4C-3. Warrant 3, Peak Hour Vehicular Volume**. In the Figure title, replace the first hyphen with a comma; in the caption beneath the Figure, replace both hyphens with em dashes; before "VPH," insert VEHICLES PER HOUR, and surround "VPH" with parentheses; in the Note beneath the Figure, change "minor street" to "minor-street" in both occurrences.
- 328. **Page 4C-9, Figure 4C-4. Warrant 3, Peak Hour (70% Factor)**. In the Figure title, replace the first hyphen with a comma; in the caption beneath the Figure, replace both hyphens with em dashes; before "VPH," insert VEHICLES PER HOUR, and surround "VPH" with parentheses; in the Note beneath the Figure, change "minor street" to "minor-street" in both occurrences.
- 329. **Page 4C-10, Section 4C.05, Warrant 4, Pedestrian Volume**. Under Standard, line one, change "mid-block" to "midblock"; in listed item A, line one, change the terminal hyphen from hard to soft; in line three, replace the last comma with a semicolon.
- 330. **Page 4C-10, Section 4C.05, Warrant 4, Pedestrian Volume**. Under Guidance, in listed item B, line two, change "semi-actuated" to "semiactuated"; in item C, line one, change "non-intersection" to "nonintersection."
- 331. **Page 4C-12, Section 4C.06, Warrant 5, School Crossing**. Under Guidance, in listed item B, line two, change "semi-actuated" to "semiactuated"; in item C, line one, change "non-intersection" to "nonintersection."
- 332. Page 4C-12, Running Foot. In running foot, change "4C.07" to "4C.06."

- 333. **Page 4C-13, Section 4C.08, Warrant 7, Crash Experience**. Under Standard, in listed items A and B, last line, in each case replace the last comma with a semicolon; in item C, in lines two and three, replace "%" with "percent" in each of two occurrences; in item C, line four, change "major street" to "major-street," and delete "on."
- 334. **Page 4C-13, Section 4C.09, Warrant 8, Roadway Network**. Under Standard, in the first listed item A, in the last line, replace the comma with a semicolon.
- 335. **Page 4C-13, Section 4C.09, Warrant 8, Roadway Network**. Under Standard, in the first listed item B, in line 3, change "non-normal" to "nonnormal."
- 336. **Page 4C-14, Section 4C.09, Warrant 8, Roadway Network**. Under Standard, in the second listed items A and B, replace each final comma with a semicolon.
- 337. **Page 4D-1, Section 4D.01, General**. Under Standard, in the second paragraph, change "mid-block" to "midblock"; in listed item A, change the terminal period to a semicolon and add "or."
- 338. **Page 4D-2, Section 4D.01, General**. Under Guidance, in the second paragraph, line three, change "re-evaluated" to "reevaluated."
- 339. **Page 4D-2, Section 4D.02, Responsibility for Operation and Maintenance**. In the Section title, change "For" to "for."
- 340. **Page 4D-2, Section 4D.02, Responsibility for Operation and Maintenance**. In the Guidance, in listed items A through G, change each terminal period to a semicolon; in item G, change "properly-skilled" to "properly skilled" and insert "and" after the semicolon.
- 341. **Page 4D-3, Section 4D.03, Provisions for Pedestrians**. Under Guidance, in the first paragraph, line two, change "non-visual" to "nonvisual."
- 342. **Page 4D-5, Section 4D.04, Meaning of Vehicular Signal Indications**. Under Standard, in listed item C.2, line 5, change "clearly-marked" to "clearly marked"; in listed item D.1 and D.2, change each first hyphen to an em dash and close up the surrounding word spaces; in item D.2, line two, change "stop line, but" to "stop line; but."
- 343. **Page 4D-7, Section 4D.05, Application of Steady Signal Indications**. Under Standard, in listed item E.4.(b), change "immediately-following" to "immediately following."
- 344. **Page 4D-8, Section 4D.05, Application of Steady Signal Indications**. Under Option, in listed items A and B, replace terminal periods with semicolons; in item B, insert "and" following

the semicolon.

- 345. **Page 4D-8, Section 4D.06, Application of Steady Signal Indications for Left Turns**. In the Section title, change "For" to "for."
- 346. **Page 4D-8, Section 4D.06, Application of Steady Signal Indications for Left Turns**. Under Support, in listed items A through C, change each first hyphen to an em dash, and close up word space around it; in items A through C, change each terminal period to a semicolon; in item C, insert "or" after the semicolon; and in item D, change "Mode - the" to "Mode—the."
- 347. **Pages 4D-9 and -11, Section 4D.06, Application of Steady Signal Indications for Left Turns**. Under Standard, in listed items A, B, and C, replace each first hyphen with an em dash and close up the word space around it; in item B, line two, change "one the" to "one of the"; in item D, line one, change "Mode - If" to "Mode—If"; and in item D, line five, insert a comma after "met."
- 348. **Page 4D-11, Section 4D.07, Application of Steady Signal Indications for Right Turns**. In the Section title, change "For" to "for."
- 349. **Page 4D-12, Section 4D.07, Application of Steady Signal Indications for Right Turns**. Under Support, in listed items A, B, and C, change each first hyphen to an em dash and close up the word spaces around it; in item D, change "Mode - the" to "Mode—the."
- 350. **Pages 4D-12 and -13, Section 4D.07, Application of Steady Signal Indications for Right Turns**. Under Standard, in listed items A, B, and C, change each first hyphen to an em dash and close up the word spaces around it; in item D, change "Mode - If" to "Mode—If."
- 351. **Page 4D-16, Section 4D.11, Application of Flashing Signal Indications**. Under Standard, in paragraph two, line five, change "separately-controlled" to "separately controlled."
- 352. **Page 4D-19, Section 4D.13, Preemption and Priority Control of Traffic Control Signals**. Under Support, in each first listed items A and B, replace the terminal period with a semicolon; in the first listed item B, insert "and" following the semicolon. In the paragraph following the first list, change "non-emergency" to "nonemergency." In the second listed item A, change the terminal period to a semicolon and add "and."
- 353. Page 4D-21, Section 4D.13, Preemption and Priority Control of Traffic Control Signals. Under Option, in listed items A through D, change each terminal period to a semicolon; in item D, insert "and" following the semicolon. In the last paragraph of Option, line two, change "nonintersection" to "nonintersection."

- 354. **Page 4D-22, Section 4D.15, Size, Number, and Location of Signal Faces by Approach.** Under Standard, in listed items A through D, change each terminal period to a semicolon; in item D, insert "and" following the semicolon.
- 355. Pages 4D-22 and -23, Section 4D.15, Size, Number, and Location of Signal Faces by Approach. Under Guidance, in listed items A through C, change each terminal period to a semicolon; in item C, insert "and" following the semicolon.
- 356. **Page 4D-23, Section 4D.15, Size, Number, and Location of Signal Faces by Approach.** Under Standard, in first paragraph, change "mid-block" to "midblock."
- 357. **Page 4D-26, Figure 4D-2. Horizontal Location of Signal Faces.** In the third footnote to the Figure, line four, change "Maximum" to "maximum."
- 358. **Page 4D-27, Section 4D.15, Size, Number, and Location of Signal Faces by Approach.** Under Guidance, in the second paragraph, line one, change "separately-controlled" to "separately controlled"; in the third paragraph, line one, change "separately-controlled" to "separately controlled" in the seventh paragraph, line one, change "mid-block" to "midblock."
- 359. Page 4D-28, Section 4D.16, Number and Arrangement of Signal Sections in Vehicular Traffic Control Signal Faces. Under Standard, in the first paragraph, line one, before the word "three," delete "either"; in the second paragraph, line two, change "continuously-illuminated" to "continuously illuminated"; in the listed items A and B, replace the terminal period with a semicolon; in listed item B, insert "and" after the semicolon; in paragraph five, line one, change "vertically-arranged" to "vertically arranged"; in paragraph five, line two, change "horizontally-arranged" to "horizontally arranged"; in paragraph seven, line one, change "vertically-arranged" to "vertically arranged."
- 360. Page 4D-29, Section 4D.16, Number and Arrangement of Signal Sections in Vehicular Traffic Control Signal Faces. Under Standard, in the third line of the first (incomplete) paragraph on this page, change "vertically-arranged" to "vertically arranged"; in line one of first full paragraph, change "horizontally-arranged" to "horizontally arranged"; in listed item A, line one, change "vertically-arranged" to "vertically arranged"; in listed item B, line one, change "horizontally arranged."
- 361. **Page 4D-30, Section 4D.16, Number and Arrangement of Signal Sections in Vehicular Traffic Control Signal Faces**. Under Option, in paragraph one, change "vertically-arranged" to "vertically arranged"; in paragraph two, change "Horizontally-arranged" to "Horizontally arranged" and "vertically-arranged" to "vertically arranged."
- 362. Page 4D-30, Section 4D.17, Visibility, Shielding, and Positioning of Signal Faces.

Under Standard, in paragraph one, line four, change "mid-block" to "midblock."

- 363. **Page 4D-32, Section 4D.17, Visibility, Shielding, and Positioning of Signal Faces**. Under Standard, in the first paragraph of this page, line two, change "vertically-arranged" to "vertically arranged"; in paragraph two, line two, change "horizontally-arranged" to "horizontally arranged."
- 364. **Page 4D-36, Section 4D.21, Traffic Signal Signs, Auxiliary.** Under Guidance, line one, change "When an traffic signal" to "When a traffic signal."
- 365. **Page 4E-2, Section 4E.03, Application of Pedestrian Signal Heads**. Under Standard, in listed items A, B, and C, replace each terminal period with a semicolon; in item C, insert "and/or" after the semicolon; in item D, change "multi-phase" to "multiphase."
- 366. **Page 4E-2, Section 4E.03, Application of Pedestrian Signal Heads**. Under Guidance, in listed items A and B, replace each terminal period with a semicolon; in item B, insert "and/or" after the semicolon; in item C, change "multi-phase" to "multiphase."
- 367. **Page 4E-6, Section 4E.06, Accessible Pedestrian Signals**. Under the first Support on this page, in the first paragraph, change "non-visual" to "nonvisual."
- 368. **Page 4E-6, Section 4E.06, Accessible Pedestrian Signals**. Under the first full Guidance on this page, in listed items A through D, replace each terminal period with a semicolon; in item C, change "present including" to "present, including"; in item D, insert "and" after the semicolon.
- 369. **Page 4E-6, Section 4E.06, Accessible Pedestrian Signals**. Under the second Support on this page, change "non-concurrent" to "nonconcurrent."
- 370. **Page 4E-7, Section 4E.06, Accessible Pedestrian Signals**. Under the first Guidance on this page, in listed item B, change "multi-leg" to "multileg."
- 371. **Page 4E-7, Section 4E.06, Accessible Pedestrian Signals**. Under the Support on this page, lines two and three, change "visually-impaired" to "visually impaired."
- 372. **Page 4E-10, Section 4E.08, Accessible Pedestrian Signal Detectors**. Under Guidance, in listed items A through C, replace each terminal period with a semicolon; in item C, insert "and" after the semicolon.
- 373. **Page 4E-12, Section 4E.08, Accessible Pedestrian Signal Detectors**. Under Option, in paragraph one, change "non-actuated" to "nonactuated."

- 374. **Page 4E-13, Section 4E.09, Pedestrian Intervals and Signal Phases**. Under the third Guidance, line three, change "signals, or" to "signals or."
- 375. **Page 4F-3, Section 4F.03, Operation of Emergency-Vehicle Traffic Control Signals**. Under Standard, in the first full paragraph on this page, third line, change "fully-traffic-actuated," to "fully traffic-actuated,".
- 376. **Page 4I-1, Section 4I.01, Application of Traffic Control for Movable Bridges**. Under Support, in paragraph one, line two, change "notifies" to "to notify."
- 377. **Page 4I-1, Section 4I.01, Application of Traffic Control for Movable Bridges**. Under Standard, in the first paragraph, change "except:" to "except that:".
- 378. **Page 4I-1, Section 4I.01, Application of Traffic Control for Movable Bridges**. Under Standard, in listed item A.1, change the terminal period to a semicolon followed by "or"; in item A.2, change "manually-operated" to "manually operated."
- 379. **Page 4I-2, Section 4I.02, Design and Location of Movable Bridge Signals and Gates**. Under Standard, in the second paragraph, in listed item A, change the terminal period to a semicolon followed by "and"; in the seventh paragraph, second line, change "fully-reflectorized" to "fully reflectorized."
- 380. **Page 4J-1, Section 4J.01, Application of Lane-Use Control Signals**. Under Support, in the second paragraph, change "non-reversible" to "nonreversible."
- 381. **Page 4J-1, Section 4J.01, Application of Lane-Use Control Signals**. Under Guidance, in listed items A through D, replace each terminal period with a semicolon; at the end of item D, insert "and/or" after the semicolon.
- 382. **Page 4J-2, Section 4J.01, Application of Lane-Use Control Signals**. Under Option, in listed items A and B, change each terminal period to a semicolon; at the end of item B, insert "and" after the semicolon.
- 383. **Page 4J-3, Section 4J.03, Design of Lane-Use Control Signals**. Under Standard, in the fourth paragraph, first line, change "non-reversible" to "nonreversible."
- 384. **Page 4J-4, Section 4J.03, Design of Lane-Use Control Signals**. Under Option, in the fourth paragraph, change "Non-reversible" to "Nonreversible."
- 385. **Page 4J-5, Section 4J.04, Operation of Lane-Use Control Signals**. Under Standard, in listed items A through F, replace each terminal period with a semicolon; in item F, insert "and"

after the semicolon.

- 386. **Page 4J-6, Section 4J.04, Operation of Lane-Use Control Signals**. Under the second Standard, in line three, change "non-reversible" to "nonreversible"; in line five, change "non-operation" to "nonoperation"; in line eight, change "non-operation" to "nonoperation."
- 387. **Page 4K-2, Section 4K.02, Intersection Control Beacon**. Under Standard, in listed item A, replace the terminal period with "; and"; in item B, change "multi-way" to "multiway."
- 388. **Page 4K-2, Section 4K.03, Warning Beacon**. Under Support, in listed items A through D, replace each terminal period with a semicolon; in item C, change "mid-block" to "midblock"; in item D, insert "and" after the semicolon.
- 389. **Page 4K-4, Section 4K.05, Stop Beacon**. Under Standard, in the first paragraph, line three, change "horizontally-aligned" to "horizontally aligned"; in line five, change "vertically-aligned" to "vertically aligned."
- 390. **Page 4L-1, Section 4L.01, Application of In-Roadway Lights**. Under Support, line five, change "mid-block" to "midblock."
- 391. **Page 4L-1, Section 4L.01, Application of In-Roadway Lights**. Under Option, change "than" to "from."
- 392. **Page 4L-2, Section 4L.02, In-Roadway Warning Lights at Crosswalks**. Under Standard, in paragraph two on this page, line four, change "uni-directional" to "unidirectional"; in line four, change "bi-directional" to "bidirectional."
- 393. **Page 5A-1, Section 5A.01, Function**. Under Support, in paragraph two, line one, change "roads, however," to "roads; however,".
- 394. **Page 5A-2, Section 5A.02, Application**. Under Support, in listed items A and B, replace each comma with a semicolon.
- 395. **Page 5A-3, Table 5A-1, Minimum Sign Sizes on Low-Volume Roads**. In the left column, in the 26th row below the column head, change "(Miles)" to "(MI)."
- 396. **Page 5A-4, Section 5A.04, Placement**. Under Standard, in line two, delete the comma after "Part 5."
- 397. **Page 5C-1, Section 5C.03, Intersection Warning Signs (W2-1 through W2-5)**. In the Section title, change "Intersection Signs" to "Intersection Warning Signs."

- 398. **Page 5C-4, Section 5C.06, ONE LANE BRIDGE Sign (W5-3)**. Under Guidance, in listed items A and B, replace the comma with a semicolon.
- 399. **Page 5G-1, Section 5G.01, Introduction**. Under Guidance, in listed item D, line three, after the word "and," delete "that."
- 400. **Page 5G-3, Section 5G.03, Channelization Devices**. Under Option, line one, insert a comma after "guide."
- 401. **Page 5G-3, Section 5G.04, Markings**. Under Guidance, line two, delete the comma after "markings."
- 402. Page TC6-3, Table of Contents. In the listing for Section 6G.04, change "to" to "To."
- 403. **Page TC6-4, Table of Contents**. In the listing for Section 6G.11, change "Multi-Lane, Non-Access" to "Multilane, Nonaccess."
- 404. **Page TC6-4, Table of Figures**. In the listing for Figure 6C-3, change "One-Lane Two-Way" to "One-Lane, Two-Way."
- 405. **Page TC6-4, Table of Figures**. In the listing for Figure 6F-1, change "Signs Typical" to "Signs—Typical."
- 406. **Page TC6-5, Table of Figures**. In the listing for Figure 6H-11, change "Two" to "Low"; for Figures 6H-30, -32, and -35, change "Multi-Lane" to "Multilane."
- 407. **Page 6B-1, Section 6B.01, Fundamental Principles of Temporary Traffic Control.** Under Support, in paragraph one, line three, change "that is" to "that it is."
- 408. **Page 6B-4, Section 6B.01, Fundamental Principles of Temporary Traffic Control.** Under Guidance, in the second listed item A, change "The cooperation of the various news media in publicizing the existence of and reasons for temporary traffic control zones should be sought as news releases can assist in keeping the road users well informed." to "The cooperation of the various news media should be sought in publicizing the existence of and reasons for temporary traffic control zones because news releases can assist in keeping the road users well informed."
- 409. **Page 6C-1, Section 6C.01, Temporary Traffic Control Plans.** Under Support, in the first paragraph, line four, change "events temporarily disrupt" to "event temporarily disrupts."
- 410. Page 6C-1, Section 6C.01, Temporary Traffic Control Plans. Under the second

Guidance, in paragraph one, change "plans" to "plan."

- 411. **Page 6C-2, Section 6C.01, Temporary Traffic Control Plans.** Under Guidance, in the first paragraph on this page, line two, change "Oftentimes," to "Often,"; in line five, change "pull out" to "pull-outs".
- 412. **Page 6C-3, Section 6C.04, Advance Warning Area**. Under Guidance, in paragraph three, line two, change the en dash to an em dash and close up the word spaces around it.
- 413. **Page 6C-7, Section 6C.06, Activity Area**. Under the third Option, first paragraph, change "highly-congested" to "highly congested."
- 414. **Page 6C-7, Section 6C.07, Termination Area.** In Support, change "Support:" to "Standard:"; in line one, change "is" to "shall be"; in line two, change "area extends" to "area shall extend"; change item font to boldface, one point size larger.
- 415. **Page 6C-10, Table 6C-2, Taper Length Criteria for Temporary Traffic Control Zones.** In the footnote to the Table, in the first formula, change "150" to "155."
- 416. **Page 6C-10, Section 6C.08, Tapers.** Under Support, line three, change "portion in" to "portion of."
- 417. **Page 6C-12, Figure 6C-3. Example of a One-Lane, Two-Way Traffic Taper**. In the Figure title, change "One-Lane Two-Way" to "One-Lane, Two-Way"; in a Figure call-out, change "One Lane Two-Way" to "One-Lane, Two-Way."
- 418. **Page 6C-13, Section 6C.10, One-Lane, Two-Way Traffic Control.** Under Guidance, in paragraph three, change "traffic signal control" to "traffic control signal."
- 419. **Page 6D-1, Section 6D.01, Pedestrian Considerations**. Under Guidance, in the third paragraph, lines five and six, change "mid-block" to "midblock."
- 420. **Page 6D-2, Section 6D.01, Pedestrian Considerations**. Under the third Guidance on this page, in paragraph three, line two, insert a comma after "terrain"; in line three, change "non-intersection" to "nonintersection."
- 421. **Page 6D-3, Section 6D.01, Pedestrian Considerations**. Under Standard, in the first paragraph, line two, change "re-directive" to "redirective."
- 422. **Page 6D-3, Section 6D.01, Pedestrian Considerations**. Under the second Option on this page, line three, change "mid-block" to "midblock."

- 423. **Page 6D-4, Section 6D.02, Worker Considerations**. Under Support, in paragraph one, line one, change "Of equal importance to the safety of" to "Equally as important as the safety of."
- 424. **Pages 6D-4 and -5, Section 6D.02, Worker Considerations**. Under Guidance, in the listed items A through D, change each first hyphen to an em dash and close up the word spaces around it; in item B, change "highly-visible" to "highly visible."
- 425. **Page 6D-5, Section 6D.02, Worker Considerations**. Under Option, in listed items A through E, change each first hyphen to an em dash and close up the word spaces around it.
- 426. **Page 6E-1, Section 6E.01, Qualifications for Flaggers**. In Support, change "Support:" to "Standard:"; in line one, change "is" to "shall be"; and change the item font to boldface, one point size larger.
- 427. **Page 6E-1, Section 6E.01, Qualifications for Flaggers**. Under Guidance, in listed items A through F, insert a semicolon at the end of each item; in listed item F, change "Courteous, but with a firm manner" to "Courteous but firm manner" and insert "and" after the semicolon; in item G, insert a period at the end of the line.
- 428. **Page 6E-2, Section 6E.03, Hand-Signaling Devices**. Under Standard, in line three, change "semi-rigid" to "semirigid"; at the end of line six, insert a period after "retroreflectorized."
- 429. **Page 6E-3, Section 6E.04, Flagger Procedures**. In the second Standard, in listed item A, line two, change "users" to "users"."
- 430. **Page 6E-5, Section 6E.05, Flagger Stations.** Under Guidance, in paragraph two, line four, change "to first approaching" to "to the first approaching."
- 431. **Page 6F-2, Section 6F.02, General Characteristics of Signs**. Under the first Standard, in line six, change "flourescent" to "fluorescent."
- 432. **Page 6F-3, Section 6F.03, Sign Placement.** Under Standard, in paragraph two, line one, change "combination" to "combinations."
- 433. **Page 6F-4, Figure 6F-1. Height and Lateral Location of Signs**—**Typical Installations.** In Figure title, change the en dash to an em dash and close up extra word space around it.
- 434. **Page 6F-5, Section 6F.03, Sign Placement.** Under Standard, in paragraph two, lines one and two, after the word "other," delete "(added by subteam to include barricade as a temporary support)."

- 435. **Page 6F-12, Section 6F.11, STAY IN LANE Sign (R4-9)**. Under Option, in lines one and three, change "multi-lane" to "multilane."
- 436. **Page 6F-13, Section 6F.15, Warning Sign Function, Design, and Application**. Under Standard, in line seven, change "flourescent" to "fluorescent."
- 437. **Page 6F-24, Section 6F.23, THRU TRAFFIC MERGE RIGHT (LEFT) Sign (W4-1a)**. Under Guidance, in line two, change "multi-lane" to "multilane."
- 438. **Page 6F-24, Section 6F.24, Lane Reduction Sign (W4-2)**. Under Option, change "multilane" to "multilane."
- 439. **Page 6F-27, Section 6F.34, SHOULDER WORK Signs (W21-5, W21-5a, W21-5b)**. Under Option, in line one, change "non-limited" to "nonlimited."
- 440. **Page 6F-31, Section 6F.47, Guide Signs**. Under Guidance, at the end of listed items A and B, replace terminal periods with semicolons; at the end of item B, insert "and" after the semicolon.
- 441. **Pages 6F-33 and -34, Section 6F.52, Portable Changeable Message Signs.** In Support, change "Support:" to "Standard:"; in line one, change "are" to "shall be"; in line two, change "Each message consists" to "Each message shall consist"; in line three, change "a phase consists" to "a phase shall consist"; change the item's type font to boldface, one point size larger; and following the item, insert "Support:" with extra line returns above and below it.
- 442. **Page 6F-35, Section 6F.52, Portable Changeable Message Signs**. Under the second Support on this page, at the end of each listed item A through D, insert a semicolon; in item E, change "To provide advance notice of ramp, lane, or roadway closures" to "Where advance notice of ramp, lane, or roadway closures is needed;" in item F, change "For crash or incident management" to "Where crash or incident management is needed; and/or"; in item G, change "Changes in the road user pattern" to "Where changes in the road user pattern occur."
- 443. **Page 6F-36, Section 6F.53, Arrow Panels.** In Support, change "Support:" to "Standard:"; in line one, change "is" to "shall be"; in line two, change "sign is intended to provide" to "sign shall provide"; change the item's type font to boldface, one point size larger.
- 444. **Page 6F-37, Section 6F.53, Arrow Panels**. Under the second Standard on this page, in paragraph two, change "non-reflective" to "nonreflective."
- 445. **Page 6F-38, Figure 6F-3.** Advance Warning Arrow Display Specifications. In the illustration at the bottom of the column headed "Panel Display," to the right of the one

illustration presently there, add "or" and then a second display illustration comprising a similar dark panel with four dots in a row and the word "Caution" beneath it.

- 446. **Page 6F-39, Section 6F.53, Arrow Panels**. Under the first Standard on this page, in paragraph two, in listed items A and B, replace each final comma with a semicolon (do not remove the terminal "and"); in item A, change "Either a Flashing" to "A flashing"; in paragraph three, change "multi-lane" to "multilane."
- 447. **Page 6F-41, Section 6F.55, Channelizing Devices.** In the Support, change "Support:" to "Standard:"; in line one, change "devices are shown" to "devices shall be as shown"; make item type font boldface, one point size larger; following the aforegoing item, insert "Support:" with an extra line return above and below it.
- 448. **Page 6F-44, Section 6F.55, Channelizing Devices**. Under the Option, change "non-retroreflective" to "nonretroreflective."
- 449. **Page 6F-44, Section 6F.55, Channelizing Devices**. Under the first Standard on this page, in line two, change "non-retroreflective" to "nonretroreflective."
- 450. **Page 6F-45, Section 6F.57, Tubular Markers**. Under Standard, in paragraph one, line one, delete the comma after "orange."
- 451. **Page 6F-46, Section 6F.57, Tubular Markers**. Under Standard, in paragraph one, change "non-cylindrical" to "noncylindrical."
- 452. **Page 6F-47, Section 6F.59, Drums**. Under the first Standard on this page, in line seven, change "non-retroreflectorized" to "nonretroreflectorized."
- 453. **Page 6F-49, Section 6F.60, Type I, II, or III Barricades**. Under Standard, change "non-deformable" to "nondeformable."
- 454. **Page 6F-54, Section 6F.66, Temporary Pavement Markings**. Under Option, in paragraph one, line one, after the word "used," delete "for."
- 455. **Page 6F-54, Section 6F.66, Temporary Pavement Markings**. Under Guidance, in paragraph two, line two, change "non-longitudinal" to "nonlongitudinal."
- 456. **Page 6F-54, Section 6F.67, Raised Pavement Markers**. Under Option, line one, change "internally-illuminated" to "internally illuminated" and "non-retroreflective" to "nonretroreflective"; in line two, change "internally-illuminated" to "internally illuminated."

- 457. **Pages 6F-59 and -60, Section 6F.74, Temporary Traffic Control Signals**. Under the second Support starting on page 6F-59, at the end of each listed item A through S, insert a semicolon; in item F, change "Road user" to "Road-user"; in item S, insert "and" after the semicolon; at the end of item T, insert a period.
- 458. **Page 6F-62, Section 6F.75, Temporary Traffic Barriers**. Under Support, in listed items A and B, replace each terminal period with a semicolon; at the end of item B, insert "and" after the semicolon.
- 459. **Page 6F-63, Section 6F.76, Crash Cushions.** In the first Support on this page, delete "Support:" so that the first paragraph of text formerly under that head is now under "Standard:", delete the extra line returns that previously surrounded "Support:", and change the type font of the subject paragraph to boldface, one point size larger; in that paragraph; insert "Support:" (with appropriate extra line spacing around it) above the paragraph that begins, "Trucks or trailers …"; in what is now paragraph two under Standard, line one, change "are" to "shall be" and in line two, change "are" to "shall be."
- 460. **Page 6F-63, Section 6F.76, Crash Cushions.** In the paragraph following the previous changes (change #459), under the Standard that begins "The shadow truck...," change "Standard:" to "Guidance:"; change the item's type font from boldface to regular, in the same point size; in line one, change "shall" to "should."
- 461. **Page 6G-3, Section 6G.02, Work Duration**. Under the second Support on this page, change "During short-duration work, it often takes longer to set up and remove the traffic control it often takes longer to set up and remove the temporary traffic control zone than to perform the work." to "During short-duration work, it often takes longer to set up and remove the temporary traffic control zone than to perform the work."
- 462. **Page 6G-4, Section 6G.02, Work Duration**. Under the second Guidance on this page, in the third paragraph, change "multi-lane" to "multilane."
- 463. **Page 6G-5, Section 6G.03, Location of Work**. Under Support, at the end of each listed item A through D, insert a semicolon; at the end of item D, insert "and" after the semicolon; at the end of item E, insert a period.
- 464. **Page 6G-5, Section 6G.04, Modifications To Fulfill Special Needs**. In the Section title, change "to" to "To."
- 465. **Pages 6G-6 and -7, Section 6G.04, Modifications To Fulfill Special Needs**. Under Guidance, double-space listed items A–E to match format.

- 466. **Page 6G-7, Section 6G.04, Modifications To Fulfill Special Needs**. Under the Guidance, in listed item C, delete the period at the end of the sentence.
- 467. **Page 6G-8, Section 6G.05, Work Outside of Shoulder.** In the second Guidance on this page, delete "Guidance:" and the surrounding extra line returns so that the following paragraph becomes subordinate to the previous head, "Option:"; make the subject paragraph type font one point size smaller; in line two, change "should" to "may"; delete the following heading, "Option:" (now redundant) along with the surrounding extra line returns..
- 468. **Page 6G-9, Section 6G.06, Work on the Shoulder with No Encroachment**. Under Guidance, in the first full paragraph on this page, line eight, change "multi-lane" to "multilane."
- 469. Page 6G-12, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways. In the Section title, change "Multi-Lane, Non-Access" to "Multilane, Nonaccess."
- 470. Page 6G-12, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways. Under the first Support, in line one, change "multi-lane" to "multilane."
- 471. Page 6G-13, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways. Under the first Standard, in line one, change "multi-lane" to "multilane."
- 472. Page 6G-13, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways. Under Support, in listed item C, delete the comma after the word "and."
- 473. **Page 6G-14, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways**. Under the first Option on this page, line one, change "multi-lane" to "multilane."
- 474. **Page 6G-15, Section 6G.11, Work Within the Traveled Way of Multilane, Nonaccess Controlled Highways**. Under the first Support on this page, line one, change "multi-lane" to "multilane."
- 475. **Page 6G-15, Section 6G.12, Work Within the Traveled Way at an Intersection**. Under the second Guidance on this page, line one, change "non-signalized" to "nonsignalized."
- 476. **Pages 6G-16 and -17, Section 6G.12, Work Within the Traveled Way at an Intersection**. Under the third Option on this page, at the end of each listed item A through C, replace the period with a semicolon; in item C, insert "and" after the semicolon; in item D,

change "Reduce road user volumes by road closing or upstream diversions" to "Road closures or upstream diversions to reduce road user volumes."

- 477. **Page 6G-18, Section 6G.14, Two-Lane, Two-Way Traffic on One Roadway of a Normally Divided Highway**. Under the first Support on this page, in line one, insert a comma after "Two-lane."
- 478. **Page 6G-18, Section 6G.15, Crossovers**. Under Guidance, in listed item C, change "properly-placed" to "properly placed" and "clearly-defined" to "clearly defined."
- 479. **Page 6G-19, Section 6G.17, Movable Barriers**. Under Option, in line two, change "non-work" to "nonwork."
- 480. **Page 6G-20, Section 6G.19, Control of Traffic Through Incident Areas**. Under Guidance, change "pre-plan" to "preplan."
- 481. **Page 6H-3, Table 6H-1, Index to Typical Applications (Sheet 2 of 2).** Because the second shadowed head in the fifth row below the primary head has no corresponding Section head in text, delete the row; in the lefthand column, (not counting the row just deleted) in the first, second, fourth, and seventh rows below the primary head, change "Multi-Lane" to "Multilane."
- 482. **Page 6H-4, Table 6H-2, Meaning of Symbols on Typical Application Diagrams**. In the text accompanying the illustrations, in the seventh item, change "High level warning" to "High-level warning"; in the ninth item, change "long term project" to "long-term project"; in the fifteenth item, change "Truck mounted attenuator" to Truck-mounted attenuator."
- 483. **Page 6H-5, Table 6H-3, Meaning of Letter Codes on Typical Application Diagrams.** In the note at the bottom of the Table, in the first formula, change "150" to "155."
- 484. **Page 6H-6, Notes for Figure 6-H1—Typical Application 1**. In title, change en dash to em dash and close up word spaces around it.
- 485. **Page 6H-8, Notes for Figure 6H-2—Typical Application 2**. In title, change en dash to em dash and close up word spaces around it.
- 486. **Page 6H-10, Notes for Figure 6H-3—Typical Application 3**. In title, change en dash to em dash and close up word spaces around it.
- 487. **Page 6H-12, Notes for Figure 6H-4**—**Typical Application 4**. In title, change en dash to em dash and close up word spaces around it.

- 488. **Page 6H-13, Figure 6H-4. Short-Duration or Mobile Operation on Shoulder (TA-4)**. In the Figure title, change "Short Duration" to "Short-Duration"; in the Figure text, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 489. **Page 6H-14, Notes for Figure 6H-5—Typical Application 5**. In title, change en dash to em dash and close up word spaces around it.
- 490. **Page 6H-16, Notes for Figure 6H-6—Typical Application 6**. In title, change en dash to em dash and close up word spaces around it.
- 491. **Page 6H-16, Notes for Figure 6H-6**—**Typical Application 6**. Under Option, in numbered item 4, line two, change "closely-spaced" to "closely spaced."
- 492. **Page 6H-17, Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)**. In Figure text, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 493. **Page 6H-18, Notes for Figure 6H-7—Typical Application 7**. In title, change en dash to em dash and close up word spaces around it.
- 494. **Page 6H-20, Notes for Figure 6H-8—Typical Application 8**. In title, change en dash to em dash and close up word spaces around it.
- 495. **Page 6H-22, Notes for Figure 6H-9—Typical Application 9**. In title, change en dash to em dash and close up word spaces around it.
- 496. **Page 6H-24, Notes for Figure 6H-10—Typical Application 10**. In title, change en dash to em dash and close up word spaces around it.
- 497. **Page 6H-26, Notes for Figure 6H-11—Typical Application 11**. In title, change en dash to em dash and close up word spaces around it.
- 498. **Page 6H-28, Notes for Figure 6H-12—Typical Application 12**. In title, change en dash to em dash and close up word spaces around it.
- 499. **Page 6H-28, Notes for Figure 6H-12—Typical Application 12**. Under Guidance, in listed item six, line two, change "of the roadway recognizing" to "of the roadway, recognizing."
- 500. **Page 6H-30, Notes for Figure 6H-13—Typical Application 13**. In title, change en dash to em dash and close up word spaces around it.
- 501. Page 6H-30, Notes for Figure 6H-13—Typical Application 13. Under Option, in listed

item four, change "PREPARE D" to "PREPARED."

- 502. **Page 6H-32, Notes for Figure 6H-14—Typical Application 14**. In title, change en dash to em dash and close up word spaces around it.
- 503. **Page 6H-34, Notes for Figure 6H-15—Typical Application 15**. In title, change en dash to em dash and close up word spaces around it.
- 504. **Page 6H-36, Notes for Figure 6H-16—Typical Application 16**. In title, change en dash to em dash and close up word spaces around it.
- 505. **Page 6H-38, Notes for Figure 6H-17—Typical Application 17**. In title, change en dash to em dash and close up word spaces around it.
- 506. **Page 6H-39, Figure 6H-17. Mobile Operations on Two-Lane Road (TA-17)**. In Figure text, in two places, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator"
- 507. **Page 6H-40, Notes for Figure 6H-18—Typical Application 18**. In title, change en dash to em dash and close up word spaces around it.
- 508. **Page 6H-41, Figure 6H-18. Lane Closure on Minor Street (TA-18)**. In Figure text, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 509. **Page 6H-42, Notes for Figure 6H-19—Typical Application 19**. In title, change en dash to em dash and close up word spaces around it.
- 510. **Page 6H-43, Figure 6H-19. Detour for One Travel Direction (TA-19).** Figure title is missing; insert "Detour for One Travel Direction (TA-19)" at top of page.
- 511. **Page 6H-44, Notes for Figure 6H-20—Typical Application 20**. In title, change en dash to em dash and close up word spaces around it.
- 512. **Page 6H-44, Notes for Figure 6H-20—Typical Application 20**. Under Guidance, in listed item two, change "multi-lane" to "multilane."
- 513. **Page 6H-46, Notes for Figure 6H-21—Typical Application 21**. In title, change en dash to em dash and close up word spaces around it.
- 514. **Page 6H-48, Notes for Figure 6H-22—Typical Application 22**. In title, change en dash to em dash and close up word spaces around it.

- 515. **Page 6H-50, Notes for Figure 6H-23—Typical Application 23**. In title, change en dash to em dash and close up word spaces around it.
- 516. **Page 6H-52, Notes for Figure 6H-24**—**Typical Application 24**. In title, change en dash to em dash and close up word spaces around it.
- 517. **Page 6H-54, Notes for Figure 6H-25—Typical Application 25**. In title, change en dash to em dash and close up word space around it.
- 518. **Page 6H-56, Notes for Figure 6H-26—Typical Application 26**. In title, change en dash to em dash and close up word space around it.
- 519. **Page 6H-58, Notes for Figure 6H-27—Typical Application 27**. In title, change en dash to em dash and close up word space around it.
- 520. **Page 6H-60, Notes for Figure 6H-28—Typical Application 28**. In title, change en dash to em dash and close up word space around it.
- 521. **Page 6H-62, Notes for Figure 6H-29—Typical Application 29**. In title, change en dash to em dash and close up word space around it.
- 522. **Page 6H-62, Notes for Figure 6H-29—Typical Application 29**. Under Option, in listed item six, insert a period at the end of the sentence.
- 523. **Page 6H-64, Notes for Figure 6H-30—Typical Application 30**. In title, change en dash to em dash and close up word space around it; change "Multi-Lane" to "Multilane."
- 524. **Page 6H-64, Notes for Figure 6H-30—Typical Application 30**. Under Option, in listed item 3, change "truck mounted attenuator" to "truck-mounted attenuator."
- 525. **Page 6H-65, Figure 6H-30. Interior Lane Closure on Multilane Street (TA-30).** In Figure title, change "Multi-Lane" to "Multilane"; in Figure text, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 526. **Page 6H-66, Notes for Figure 6H-31—Typical Application 31**. In title, change en dash to em dash and close up word space around it.
- 527. **Page 6H-68, Notes for Figure 6H-32—Typical Application 32**. In title, change en dash to em dash and close up word space around it; change "Multi-Lane" to "Multilane,".
- 528. Page 6H-69, Figure 6H-32. Half Road Closure on Multilane, High-Speed Highway

(TA-32). In Figure title, change "Multi-Lane" to "Multilane."

- 529. **Page 6H-70, Notes for Figure 6H-33—Typical Application 33**. In title, change en dash to em dash and close up word space around it.
- 530. Page 6H-71, Figure 6H-33. Stationary Lane Closure on Divided Highway (TA-33). At the right side of the Figure, change "Truck Mounted" to "Truck-Mounted."
- 531. **Page 6H-72, Notes for Figure 6H-34**—**Typical Application 34**. In title change en dash to em dash and close up word space around it.
- 532. **Page 6H-72, Notes for Figure 6H-34**—**Typical Application 34**. Under Option, in listed item 4, third line, change "non-work" to "nonwork."
- 533. **Page 6H-74, Notes for Figure 6H-35**—**Typical Application 35**. In title, change en dash to em dash and close up word space around it; change "Multi-Lane" to "Multilane."
- 534. **Page 6H-74, Notes for Figure 6H-35**—**Typical Application 35**. Under Guidance, in listed item two, line two, insert a comma after "signs."
- 535. **Page 6H-75, Figure 6H-35. Mobile Operation on Multilane Road (TA-35)**. In the Figure title, change "Multi-Lane" to "Multilane"; in two places at the left side of the Figure, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 536. **Page 6H-76, Notes for Figure 6H-36—Typical Application 36**. In title, change en dash to em dash and close up word space around it.
- 537. **Page 6H-76, Notes for Figure 6H-36**—**Typical Application 36**. Under first Guidance, in listed item two, line one, delete the colon after the word "using."
- 538. **Page 6H-78, Notes for Figure 6H-37—Typical Application 37**. In title, change en dash to em dash and close up word space around it.
- 539. **Page 6H-78, Notes for Figure 6H-37—Typical Application 37**. Under Guidance, in listed items 1.a and 1.b, replace each terminal period with a semicolon; in item 1.b, insert "and" after the semicolon.
- 540. **Page 6H-79, Figure 6H-37. Double Lane Closure on Freeway (TA-37)**. In Figure text, change "Truck Mounted Attenuator" to "Truck-Mounted Attenuator."
- 541. Page 6H-80, Notes for Figure 6H-38—Typical Application 38. In title, change en dash to

em dash and close up word space around it.

- 542. **Page 6H-82, Notes for Figure 6H-39—Typical Application 39**. In title, change en dash to em dash and close up word space around it.
- 543. **Page 6H-82, Notes for Figure 6H-39—Typical Application 39**. Under the second Guidance on this page, in listed item six, line three, change "0.4 the speed limit" to "0.4 times the speed limit."
- 544. **Page 6H-82, Notes for Figure 6H-39—Typical Application 39**. Under the second Option on this page, in listed item eight, line one, change "Two Way" to "Two-Way."
- 545. **Page 6H-82, Notes for Figure 6H-39—Typical Application 39**. Under Support, in listed item ten, line two, change "non-crossover" to "noncrossover."
- 546. **Page 6H-84, Notes for Figure 6H-40—Typical Application 40**. In title, change en dash to em dash and close up word space around it.
- 547. **Page 6H-86, Notes for Figure 6H-41—Typical Application 41**. In title, change en dash to em dash and close up word space around it.
- 548. **Page 6H-86, Notes for Figure 6H-41—Typical Application 41**. Under Guidance, in listed item two, line two, insert a comma after "Conversely"; in item three, in line two, change "interchange/ intersection" to "interchange/intersection"; in item four, line two, insert an apostrophe after "devices."
- 549. **Page 6H-88, Notes for Figure 6H-42—Typical Application 42**. In title, change en dash to em dash and close up word space around it.
- 550. **Page 6H-88, Notes for Figure 6H-42—Typical Application 42**. Under Guidance, in listed item two, change "interchange/ intersection" to "interchange/intersection."
- 551. **Page 6H-88, Notes for Figure 6H-42—Typical Application 42**. Under Option, in listed item five, line one, delete the comma after "shoulder."
- 552. **Page 6H-90, Notes for Figure 6H-43—Typical Application 43**. In title, change en dash to em dash and close up word space around it.
- 553. **Page 6H-92, Notes for Figure 6H-44**—**Typical Application 44**. In title, change en dash to em dash and close up word space around it.

- 554. **Page 6H-92, Notes for Figure 6H-44**—**Typical Application 44**. Under Option, in listed item 8, change "A Type B High-Intensity warning flasher" to "A type B high-intensity warning flasher."
- 555. **Page 6H-94, Notes for Figure 6H-45**—**Typical Application 45**. In title, change en dash to em dash and close up word space around it.
- 556. **Page 6H-94, Notes for Figure 6H-45**—**Typical Application 45**. Under Support, in listed items 1.a through 1.d, replace each first hyphen with an em dash and close up word spaces around it; in items 1.a through 1.c, replace each terminal period with a semicolon; in item 1.c, insert "and" after the semicolon.
- 557. **Page 6H-96, Notes for Figure 6H-46—Typical Application 46**. In title, change en dash to em dash and close up word space around it.
- 558. **Page 7A-1, Section 7A.01, Need for Standards**. Under Support, in the second paragraph, line two, insert a comma after "bicycles."
- 559. **Page 7A-3, Section 7A.02, School Routes and Established School Crossings**. Under Guidance, second paragraph, in the listed items A through C, replace each final comma with a semicolon.
- 560. **Page 7B-1, Section 7B.01, Size of School Signs**. Under Standard, in paragraph two, line one, change "Standard" to "standard"; in line two, change "Special" to "special"; in paragraph three, change "Special" to "special."
- 561. **Page 7B-1, Section 7B.01, Size of School Signs**. Under Option, in paragraph one, line one, change "Special" to "special"; in paragraph two, line one, change "Minimum" to "minimum."
- 562. **Pages 7B-3 and -4, Section 7B.07, Sign Color for School Warning Signs**. Under Option, in the listed items A through F, replace each final comma with a semicolon.
- 563. **Page 7B-9, Section 7B.14, Parking and Stopping Signs (R7 and R8 Series)**. Under Support, in the listed items A through C, replace each terminal period with a semicolon; in item C, insert "and" after the semicolon.
- 564. **Page 7C-2, Section 7C.04, Stop Line Markings.** Under Standard, line one, change "are" to "shall consist of."
- 565. **Page 7E-1, Section 7E.01, Types of Crossing Supervision**. Under Support, in the listed item A, replace the terminal period with a semicolon and insert "and" after the semicolon; in

paragraph two, line one, insert a comma after "operation"; in paragraph two, lines four and five, change "Falls Church, VA 22042)" to "1000 AAA Drive, Heathrow, FL 32746)"; in paragraph three, line three, change "Falls Church, VA 22042)" to "1000 AAA Drive, Heathrow, FL 32746)."

- 566. **Pages 7E-1 and -2, Section 7E.03, Qualifications of Adult Guards**. Under Guidance, at the end of each listed item A through F, insert a semicolon; in item F, insert "and" after the semicolon.
- 567. **Page 7E-2, Section 7E.04, Uniform of Adult Guards and Student Patrols**. Under Guidance, in paragraph three, line one, change "uniform" to "uniforms."
- 568. **Page 7E-3, Section 7E.07, Student Patrols**. Under Option, in paragraph one, line two, change "enough that" to "enough so that."
- 569. **Page TC8-1, Table of Contents**. In the listing for Section 8B.02, change "Sign" to "Signs"; in the listing for Section 8B.10, change "Sign" to "Signs."
- 570. Page TC8-2, Table of Figures. In the listing for Figure 8B-1, change "Sign" to "Signs."
- 571. **Pages 8A-1, -2, and -3, Section 8A.01, Introduction**. Under Standard, in each listed item 1 through 16, replace each en dash with an em dash and close up word spaces around it; in item 8, line three, change "railroad" to "highway"; in item 12, line 1, change "Pre-Signal" to "Presignal"; in listed item 13, line 3, change "pre-signals" to "presignals."
- 572. Page 8B-1, Section 8B.02, Highway-Rail Grade Crossing (Crossbuck) Sign (R15-1, R15-2). In Section title, change "Sign" to "Signs."
- 573. **Page 8B-2, Figure 8B-1. Highway-Rail Grade Crossing (Crossbuck) Sign.** In Figure title, change "Sign" to "Signs."
- 574. **Page 8B-3, Section 8B.03, Highway-Rail Grade Crossing Advance Warning Signs** (**W10 Series**). Under Standard, in listed items A through C, replace each terminal period with a semicolon; in item C, insert "and" after the semicolon.
- 575. **Page 8B-6, Section 8B.06, DO NOT STOP ON TRACKS Sign (R8-8).** Under Guidance, in paragraph one, line two, change "(R8-8) should" to "(R8-8) sign should."
- 576. Page 8B-9, Section 8B.10, TRAINS MAY EXCEED 130 km/h (80 MPH) Signs (W10-8, W10-8a). In the Section title, change "Sign" to "Signs."

- 577. Page 8B-11, Section 8B.14, Low Ground Clearance Highway-Rail Grade Crossing Sign (W10-5). Under Support, in line two, change "Association's Manual" to "Association's Engineering Manual."
- 578. **Page 8D-1, Section 8D.01, Introduction.** Under Standard, in paragraph five, line two, change "1.8 meters (6 feet)" to "1.8 m (6 ft)."
- 579. **Page 8D-8, Section 8D.05, Four-Quadrant Gate Systems.** Under Standard, line three, change "its" to "their."
- 580. **Page 8D-9, Section 8D.06, Train Detection.** Under Option, in paragraph one, line one, change "30 km/h" to "32 km/h."
- 581. **Page TC9-2, Table of Figures**. In the listing for Figure 9B-2, change "Typical" to "Example of"; for Figure 9C-1, change "Markings Designated" to "Markings—Designated."
- 582. **Pages 9A-1 and -2, Section 9A.03, Definitions Relating to Bicycles**. Under Standard, in listed items 1 through 4, replace each first hyphen with an em dash and close up word space around it; in listed item 5, change "Path a" to "Path—a."
- 583. **Page 9A-2, Section 9A.05, Relation to Other Documents**. Under Support, in listed items A and B, replace each terminal period with a semicolon; in item B, insert "and" after the semicolon.
- 584. **Page 9B-4, Section 9B.03, STOP and YIELD Signs (R1-1, R1-2)**. Under Guidance, in listed items A and B, replace each terminal period with a semicolon; in item B, insert "and" after the semicolon.
- 585. **Page 9B-14, Figure 9B-2. Typical Signing for the Beginning and End of a Bicycle Route.** In the Figure title, change "Typical" to "Example of."
- 586. Page 9C-2, Figure 9C-1. Typical Intersection Pavement Markings—Designated Bicycle Lane with Left-Turn Area, Heavy Turn Volumes, Parking, One-Way Traffic, or Divided Highway. In Figure title, change "Markings-Designated" to "Markings—Designated."
- 587. Page 9C-7, Figure 9C-4. Typical Bicycle Lane Treatment at Parking Lane into a Right Turn Only Lane. In the Figure title, change "Into" to "into."
- 588. **Page TC10-2, Table of Figures**. In the listing for Figure 10D-7, change "Highway Light" to "Highway-Light"; in the listing for Figure 10D-8, change "Non-Intersection" to

"Nonintersection."

- 589. **Page 10A-1, Section 10A.01, Introduction**. Under Support, in paragraph two, line three, change "semi-exclusive" to "semiexclusive"; in line four, change "mid-block" to "midblock"; in paragraph four, in listed item B, change "Semi-Exclusive" to "Semiexclusive."
- 590. **Page 10A-2, Section 10A.03, Uniform Provisions.** Under Standard, in line one, change "in grade crossing" to "in highway-light rail transit grade crossing."
- 591. **Page 10A-4, Section 10A.05, Temporary Traffic Control Zones.** Under the second Standard, in line one, change "highway-rail grade" to "highway-light rail transit grade"; in line four, change "railroad tracks" to "light-rail transit tracks"; in line five, change "highway-rail grade crossing" to "highway-light rail transit grade crossing."
- 592. **Page 10C-1, Section 10C.02, LOOK Sign (R15-8).** Under Option, in paragraph one, change "highway-light rail grade crossings" to "highway-light rail transit grade crossings."
- 593. **Page 10C-1, Section 10C.03 STOP or YIELD Signs (R1-1, R1-2, W3-1a, W3-2a).** Under Standard, in line one, change "transit crossings" to "transit grade crossings."
- 594. **Page 10C-2, Section 10C.04, DO NOT STOP ON TRACKS Sign (R8-8).** Under Guidance, in line three, change "transit crossing" to "transit grade crossing."
- 595. Page 10C-4, Section 10C.06, Light Rail Transit-Activated Blank-Out Turn Prohibition Signs (R3-1a, R3-2a). Under Support, in line three, change "semi-exclusive" to "semiexclusive."
- 596. **Page 10C-5, Section 10C.09, Light Rail Transit Only Lane Signs (R15-4 Series)**. Under Support, change "multi-lane" to "multilane."
- 597. **Page 10C-6, Section 10C.09, Light Rail Transit Only Lane Signs (R15-4 Series)**. Under the first Option, change "semi-exclusive" to "semiexclusive."
- 598. **Page 10C-8, Section 10C.11, Highway-Rail Advance Warning Signs (W10 Series).** Under the first Standard, in listed item A, replace the terminal period with a semicolon and insert "and" after it.
- 599. **Page 10C-11, Section 10C.15, Dynamic Envelope Delineation Markings**. Under the second Option, in paragraph one, line one, change "semi-exclusive" to "semiexclusive."
- 600. Page 10D-1, Section 10D.01, Introduction. Under the second Support, in paragraph one,

change "semi-exclusive" to "semiexclusive."

- 601. **Page 10D-3, Section 10D.03, Automatic Gates**. Under Guidance, in line one, change "semi-exclusive" to "semiexclusive."
- 602. **Page 10D-4, Section 10D.03, Automatic Gates**. Under Option, in paragraph three, line one, change "by" to "be."
- 603. **Page 10D-4, Section 10D.04, Flashing-Light Signals**. Under Standard, line one, change "semi-exclusive" to "semiexclusive."
- 604. **Page 10D-5, Section 10D.05, Traffic Control Signals**. Under Guidance, in the first paragraph, line two, change "mid-block" to "midblock."
- 605. **Page 10D-6, Section 10D.06, Traffic Signal Preemption Turning Restrictions**. Under Guidance, in line two, change "separately-controlled" to "separately controlled."
- 606. **Page 10D-6, Section 10D.06, Traffic Signal Preemption Turning Restrictions**. Under Standard, in line one, change "separately-controlled" to "separately controlled."
- 607. Page 10D-7, Section 10D.07, Use of Traffic Control Signals for Control of Light Rail Transit Vehicles at Grade Crossings. Under Guidance, in line one, change "semi-exclusive" to "semiexclusive" and change "non-gated" to "nongated."
- 608. **Page 10D-13, Figure 10D-6. Typical Swing Gates**. The font used in Figure title should be upsized to match other Figure titles.
- 609. Page 10D-13, Figure 10D-7. Typical Pedestrian Barriers at an Offset Highway-Light Rail Transit Crossing. In Figure title, change em dash to hyphen and close up word spaces around it.
- 610. Page 10D-14, Figure 10D-8. Typical Examples of Pedestrian Barrier Installation at an Offset Non-Intersection Light Rail Transit Crossing. The font used in Figure title should be upsized to match other Figure titles; in Figure title, change "Non-Intersection" to "Nonintersection."
- 611. **Pages A1-1 and -2, Appendix A1, Congressional Legislation.** Make type size uniform throughout entire Appendix.
- 612. **Page A1-1, Appendix A1, Congressional Legislation.** Under Section 1077, line one, change the en dash to an em dash.

- 613. **Page A1-1, Appendix A1, Congressional Legislation.** Under Section 406, lines one and two, in two places, change the en dashes to em dashes.
- 614. **Page A1-1, Appendix A1, Congressional Legislation.** In the heading reading "PUBLIC LAW 104-59-NOV. 28, 1995 (NATIONAL HIGHWAY SYSTEM DESIGNATION ACT OF 1995)," underscore the above text.
- 615. **Pages A1-1 and -2, Appendix A1, Congressional Legislation.** Under Section 205, in line one, change the en dash to an em dash; in listed item (c), change the en dash to an em dash; in listed items (c)(1), (c)(2), (c)(3), (c)(3)(A), and (c)(3)(B), change each first en dash to an em dash.
- 616. **Page A1-2, Appendix A1, Congressional Legislation.** Under Section 353(a) SIGNS, in line one, change the en dash to an em dash.
- 617. **Page A1-2, Appendix A1, Congressional Legislation.** Under Section 353(b) STRIPES, in line one, change the en dash to an em dash.